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ARO-17

Daily Solar Flux Values at the Algonquin Radio Observatory on 2800 MHz at 17:00 U.T. Series C and D and at the Dominion Radio Astrophysical Observatory on 2700 MHz at 20:00 U.T. Series C January 1977 - December 1985

M.B. Bell, H.P. Gagnon, and J.D. Moore

May 1986

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DAILY SOLAR FLUX VALUES AT THE ALGONQUIN RADIO OBSERVATORY ON 2800 MHZ AT 17:00 U.T. SERIES C AND D AND AT THE DOMINION RADIO ASTROPHYSICAL OBSERVATORY ON 2700 MHZ AT 20:00 U.T. SERIES C JANUARY 1977 – DECEMBER 1985

M.B. Bell, H.P. Gagnon, and J.D. Moore

ARO-17

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MAY 1986

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ABSTRACT

A tabulation of daily levels of solar radio flux on 2800 MHz at 17:00 U.T. Series C and D from the Algonquin Radio Observatory (ARO) and on 2700 MHz at 20:00 U.T. Series C from the Dominion Radio Astrophysical Observatory (DRAO) is presented for the years 1977-1985. The flux values have been corrected for burst enhancements and comprise slowly varying component (S.V.C.) associated with centers of activity and their background. Both observed and adjusted values are given with selected illustrations and bibliography.

RÉSUMÉ

Le rapport présente les données relatives aux niveaux quotidiens du flux radioélectrique solaire recueillies de 1977 à 1985 par l'observatoire Algonquin de radioastronomie (OAR) sur 2800 MHz à 17:00 (T.U.), dans les séries C et D, et par l'Observatoire fédéral de radioastrophysique (OFRA) sur 2700 MHz à 20:00 (T.U.), dans la série C. On a corrigé l'effet des gerbes plus intenses sur les valeurs du flux et on a intégré la composante à variation lente (CVL) associée aux centres d'activités et à leur bruit de fond. Le rapport donne les valeurs observées et corrigées, avec quelques illustrations et une bibliographie.

A WORKING COLLECTION OF DAILY 2800 MHz AND 2700 MHz SOLAR FLUX VALUES 1977-1985

M.B. Bell, H.P. Gagnon, and J.D. Moore

INTRODUCTION

The intensity of the radio flux from the whole disc of the sun at 2800 MHz has been systematically measured in a program which commenced in 1946 at the Radio Field Station of the National Research Council. Following international custom, the observations were originally designated as "Ottawa." This name has been retained even though they are now being obtained at a new site, the Algonquin Radio Observatory located 150 miles west of Ottawa.* In 1954 the Radio Astronomy Commission 5 of URSI recognized the potential suitability of the 3000 MHz solar flux as an important index of solar activity. In 1957 when scientific investigations required world-wide interchange of data for understanding geophysical processes of the earth and its atmosphere, flux values taken at local noon, 17 UT, were communicated to various institutions through the services of a World Data Center situated at Fort Belvoir, VA. This service has now been transferred to Boulder, CO, and the flux values have found widespread use. They are direct physical measurements made with considerable precision of the kinetic temperature of the electrons at the chromosphere-coronal level.

The initial Ottawa reports are prepared in real time without benefit of knowing all the factors in a particular trend of activity which may require small corrections to be applied to the original values. These corrections are usually made when the daily reports are edited before being compiled into a monthly report. At the end of the year the daily flux values characteristic of the level for the whole observing day are collected into a single table for easy reference. The material which has been used to form this working collection of daily and monthly values has been derived from various weekly, monthly, and annual reports individually published and distributed in the past. It is available for reference in nine volumes under the title "Daily Values of Solar Flux at 2800 MHz Recorded at National Research Council" from the Canada Institute for Scientific and Technical Information, call number QB475 N27, Vols. 1-7, and Ser. QB460, H59 Vols. 8 and 9. Other copies are available with the original records, which are retained in Ottawa, and at the Dominion Radio Astrophysical Observatory, Penticton, British Columbia.

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* The Algonquin Radio Observatory is operated as a national facility by the National Research Council of Canada

Although the method of calibration has not been changed during the whole period in which the observations were made, some important secondary redeterminations of the effective collecting area of the radio telescope the background sky corrections have been introduced. These make it tedious and difficult to use the early published material, and increase the possibility of errors being made for those who only occasionally use the data. Series C, now in use, was commenced in January 1966. Shortly after its appearance, the earlier flux values from 1946 to 1955 and from 1955 to 1965 were designated as Series A and Series B, respectively, and appropriate revisions made to make them consistent with Series C. Solar observations were commenced on July 26, 1946, when a large sunspot group was near the central meridian and at a time when the calibration procedure had not been finalized. The currently used procedure was introduced one day before the occurrence of a partial solar eclipse on November 23, 1946, and enabled adjusted solar flux values for November 22, 23, and 24 of 216, 226, and 226 solar flux units to be found, respectively. These are the only numerically useable flux values for 1946. Patrol observations were commenced on February 14, 1947 in Ottawa on 2800 MHz and on August 1, 1964, in Penticton on 2700 MHz.

The enhancements of flux regarded as bursts are determined with respect to the daily level given at 17 UT, local noon at the observatory, and listed separately. Comparison with flux values on preceding or following days may give an indication of regions appearing or disappearing on the limbs or of other activity. The "Rise Only" or "Fall Only" type of burst has recently been regarded as a discontinuity in the slowly varying component, and has only been listed as a burst for cycle 20.

It had been hoped that rounding-off errors and other possible errors could have been systematically removed by further examination of the original data, but the opportunity has not occurred. In the meantime the data are steadily accumulating and indicate that a complete collection of values as they now exist and have been used should be made for the record and for convenience.

A selected bibliography has been prepared under headings which are intended to provide some indication of how the flux values have been used. Graphical representations of the data are included to enable some of the salient features to be recognized at a glance.

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Vol. 1 1946 - June 1955, Series A.

Vol. 2 July 1955 - December 1959. Series A revised and Series B starts.

Vol. 3 January 1960 - July 1964. Series B

Vol. 4 August 1964 - December 1966. Series B until December 1965, then Series C.

Vol. 5 January 1967 — December 1969. Series C. Contains Radio and Electrical Engineering Division Unclassified Report ERB-790 with extensive descriptive text for calibration and burst descriptions.

Vol. 6 January 1970 - December 1972. Series C. Contains Astrophysics Branch Report, PAB Vol. 1, No. 2, with extensive Bibliography of NRC Divisional Reports relating to the 2800 MHz Solar Noise Program of total flux measurements.

Vol. 7 January 1973 - December 1976. Series C. Contains Report No. ARO 4 of the Herzberg Institute of Astrophysics with a revised schematic of idealized burst profiles compatible with the IAU Instruction Manual and a select bibliography with comments to show the evolutionary appearance of the Ottawa types. Also contains PAB Vol. 1, No. 4, with E-W solar strip scans of the sun at 10-7 cm from June 1968 to December 1973.

Vol. 8 January 1977 - December 1979 Solar Noise Observations at 2700 MHz and 2800 MHz Series C and D Report Nos. ARO-5 to ARO-9.

Contains:
1. A working collection of daily 2800 MHz Solar Flux Values 1946-1976. Report No. ARO-5.
2. Historical background for the 1970 absolute calibration of solar flux density at 2800 MHz. Report No. ARO-6.
3. East West Solar Strip Scans at 10.7 cm, January 1974 to December 1979. Report No. ARO-8.

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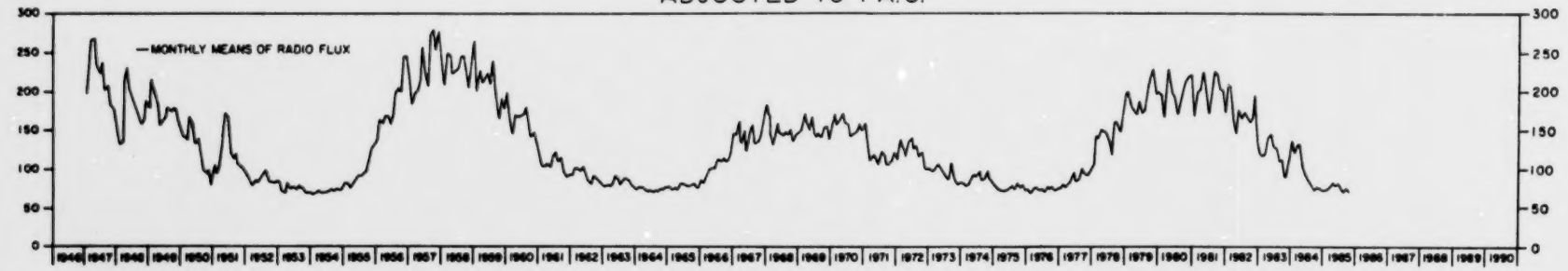
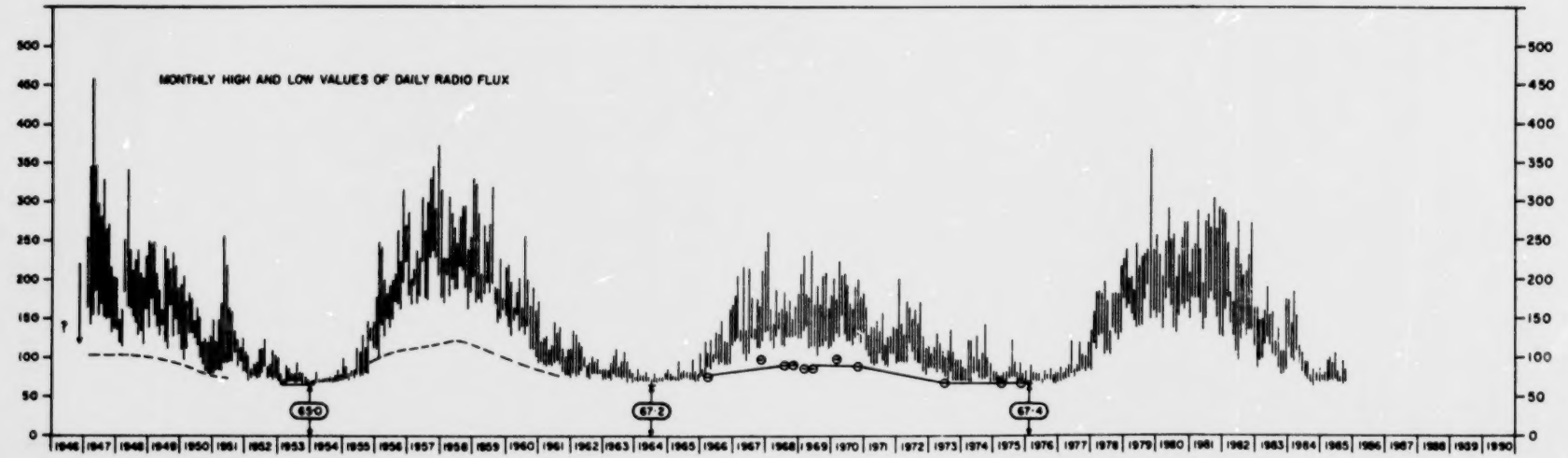
SOLAR RADIO FLUX, 10·7 CM
ADJUSTED TO 1 A.U.

C SERIES



CYCLE 18 19 20 21



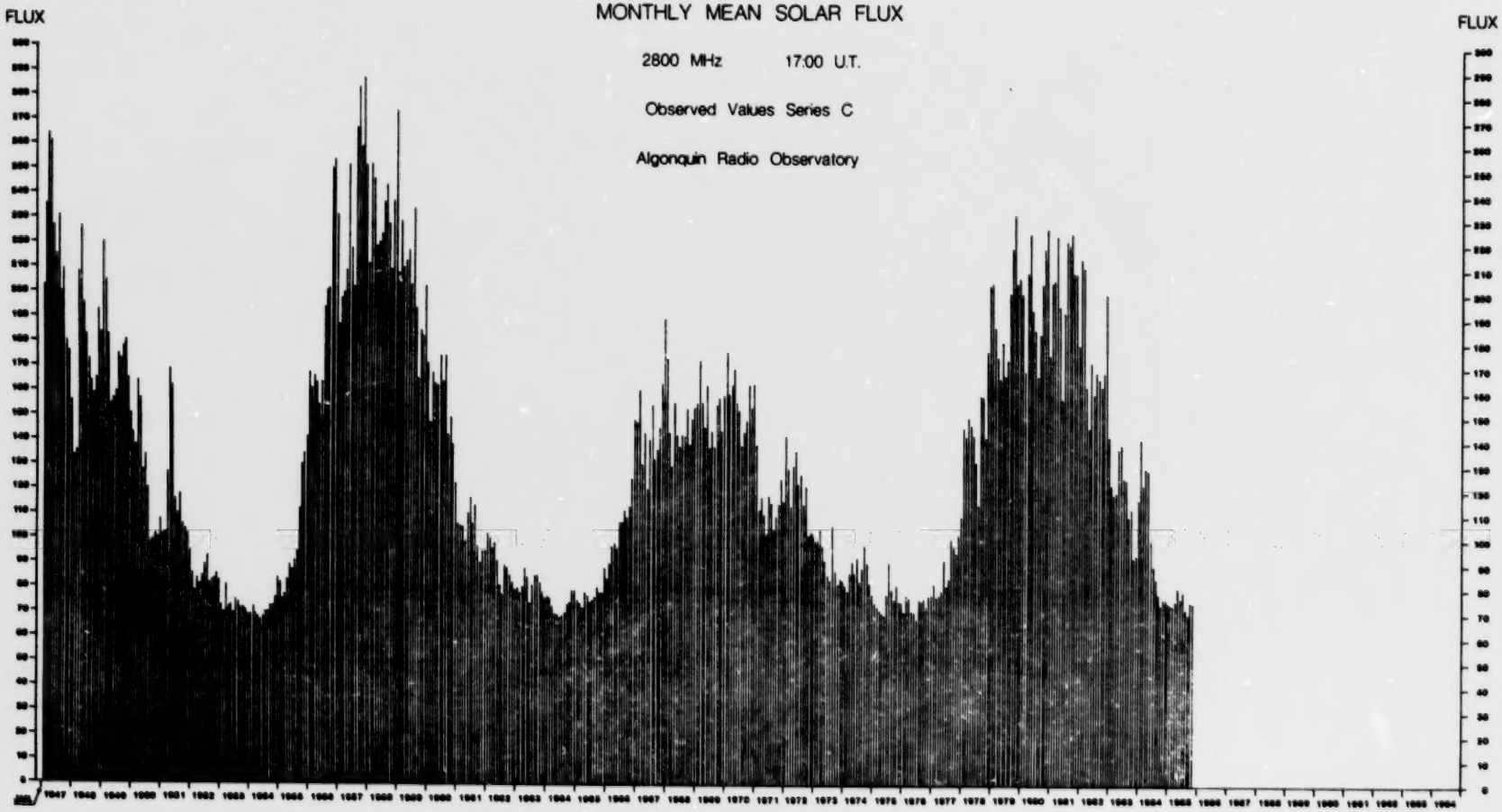
Vertical bars indicate high and low daily values within each month and define the slowly varying component of flux

Dashed curve approximately separates the flux associated with centers of activity from a quiet sun derived as the flux intercept for zero sunspot number in annual plots of daily flux versus sunspot number

Quiet solar flux derived from some radio cool regions on high resolution solar strip scans. Such regions are associated with x-ray coronal holes

First and last appearance of this basic emission given by horizontal line. Radio minimum is determined by selecting a month with minimum values of the slowly varying component as well as the basic flux

Magnitude of the basic quiet sun obtained as the lowest daily flux value observed during minimum sunspot activity and indicated in cartouche at time indicated


MONTHLY MEAN SOLAR FLUX
2800 MHz 17:00 U.T.
Observed Values Series C
Algonquin Radio Observatory
FLUX
FLUX

DAILY VALUES OF SOLAR FLUX

ON 2800 MHZ AT 17:00 U.T.

OBSERVED

SERIES C

JANUARY 1977 – DECEMBER 1985

OTTAWA
2800 MHZ 17 U.T. OBSERVED SERIES C OTTAWA
2800 MHZ

1977 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	76.3	84.1#	73.9	74.9	76.0	86.4	98.6	80.6#	81.6	93.6#	95.8	90.9	1
2	79.1	84.6	76.7	76.4	77.3	88.3#	97.4	80.4	82.7	93.1	95.1	93.8	2
3	78.6	83.3	76.1	76.6	80.5	90.4#	94.2	79.9	85.7	97.3	91.9	96.5	3
4	78.1	81.0	78.2	76.7	80.0#	91.5	90.9	80.6#	82.8	98.8	90.9	98.8	4
5	76.5	80.0	78.9	75.4	78.2	87.6#	85.1#	84.0	84.3	104.0#	92.2	99.8	5
6	74.9	77.4	78.8	75.9	77.1	88.0	87.2	85.7	83.6	103.6	92.8	105.0#	6
7	73.8	76.7	78.4	75.3#	75.7#	89.3	82.4	84.5	88.0	105.6	91.9	108.8	7
8	72.0	80.8	82.8	74.1	76.4	89.2#	79.4	82.8	90.2	104.0	92.0	110.0	8
9	70.7	85.4	81.4	74.6	82.0	88.2	76.4	83.6	94.6A	101.0	92.9	116.1#	9
10	71.1	85.7	81.6	76.2	79.2	86.5#	74.4	84.9	98.4	96.7	95.0	118.2	10
11	73.6	86.9	79.9	78.8	79.2	84.6	73.7	85.3	103.3	95.7	96.8	110.8	11
12	77.5	89.2#	79.6	79.8	78.1	80.8	73.4	84.2	106.4	101.2	93.4	114.5	12
13	80.1	90.8	78.8	82.2	79.8	81.6	75.3	86.7	111.5	99.0	96.0	103.8	13
14	77.0	87.4	78.1	82.9	83.0	79.7	74.3	85.3	116.7	99.4	100.0	96.7#	14
15	78.2	86.6	75.6	86.2	83.2	79.7	73.6	84.7	119.4	98.8	100.1	95.5	15
16	80.1	87.8	74.8	83.1	83.2	78.9	74.4	85.2	119.1	97.5	98.1	95.6	16
17	78.6	91.8#	74.8	82.9	82.2	79.8	74.1	85.0	119.4	95.6	102.8	94.1	17
18	77.9	88.5	74.6	80.1	81.0	81.6	74.4	86.4	119.4	96.2	104.4#	96.7	18
19	79.4	84.8	74.6	79.1#	80.2	82.5	74.4	85.0	113.6	105.8	101.6	94.0	19
20	77.7	82.9A	72.9	79.6#	79.4	86.1	77.5	86.6	107.9	100.5#	98.1#	91.6	20
21	76.4	80.4	73.3	80.0	79.4	89.4	79.2	88.8	104.1#	99.5#	95.1	90.7	21
22	79.3	77.6	75.1	79.2	80.9	95.6#	80.5	87.6	101.7	94.8	91.6	92.9	22
23	81.2	77.5	75.2	76.7	80.3	96.2	82.4	84.1	98.6	88.2	90.3	94.3	23
24	79.9	75.8	75.3	75.6	77.2	104.0	81.4	84.1	100.0	89.3	89.0	97.1	24
25	77.3	75.8	74.4	75.5	75.4	110.2	83.3	85.8	98.3	89.2	87.0	99.6	25
26	78.4	73.8	75.4	74.4	74.8	116.7	83.3	84.6	98.9	89.7	86.3	102.7	26
27	77.6	73.4	74.8	73.9	75.9	112.1#	82.8	83.6	99.6	89.7	86.1	101.7	27
28	79.5	74.0	74.6	73.2	77.0	109.7	84.9	80.8	99.6	91.5#	88.0	102.3	28
29	78.5		75.6	73.7	79.5	108.2	84.1	84.4	99.1	91.6	88.0	109.2#	29
30	78.7		74.7	75.5	87.5	103.4	81.6	83.9	97.4	96.2	87.8	118.6	30
31	82.0		74.2		89.5		78.1	83.1		97.4		124.3	31
MEAN	77.4	82.3	76.6	77.6	79.6	91.5	81.1	84.3	99.9	96.9	93.7	102.1	

ANNUAL MEAN 86.9

OTTAWA
2800 MHZ

17 U.T.

OBSERVED

SERIES C OTTAWA 2800 MHZ

1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131.2@	143.3	138.8	130.1	178.5	144.9	138.2	102.9	157.0	138.7	154.3	171.4	1
2	138.5	157.2	143.5	129.9	180.1	142.9@	123.4	102.9	168.7@	137.7	161.6	172.4	2
3	134.6	161.3@	149.1	134.5	179.2A	127.1	112.7	106.4	164.2	131.6	172.7	169.1	3
4	129.1	158.4	150.8	143.2@	175.4	115.3	113.5	109.1	171.5@	132.0@	180.5	170.2	4
5	123.3	163.6	157.0	146.6@	170.8@	113.5	115.0	114.3	176.6	138.7@	184.3	174.6	5
6	122.7@	160.6	165.3	145.0@	170.0	106.6	115.4@	119.1	178.2	137.5	175.4@	169.4	6
7	115.4	161.7	167.7	146.6	159.6@	107.4	124.7	124.7	174.9	141.7	177.8	184.0@	7
8	106.3	161.4@	171.1	148.2	140.7	106.1	131.4	127.0	164.6	150.4	171.3@	195.8	8
9	100.3	159.5	186.3	155.6	132.6	103.3	142.3@	124.6@	155.4@	156.3	168.1@	195.5C	9
10	96.7	152.7	181.5	154.8	127.0	105.1	150.9@	124.1	147.7	162.8	169.7	211.0	10
11	96.3	158.3	177.5	162.0@	131.2	109.8	157.8@	118.5	139.7	172.3@	167.0	217.2	11
12	95.2	163.2	171.9	155.4	135.4	112.9@	168.6@	121.2	136.7	177.9	153.6	224.3C	12
13	93.4	155.1	162.9	144.7	137.3	116.6@	160.2	131.5	136.2	179.4	148.4	217.3@	13
14	91.6	152.2	162.3	138.3	140.6	122.5@	157.9	129.3	141.7@	181.0	139.2	203.3	14
15	92.7	140.3	155.9	140.4	143.0	128.4	164.1	126.7@	150.9	183.1	136.8	198.9	15
16	89.3	133.4	144.7	136.6	144.5@	135.2@	158.2	120.6	159.7	177.9@	131.7	186.5	16
17	86.6	129.0	136.8	132.3	140.6	144.4	154.4	116.4@	160.2	172.7	131.1	183.6	17
18	87.5	127.8	133.5	132.9	132.4	148.6@	149.2@	112.8	167.8@	170.8	130.4	166.8	18
19	88.2	121.9	129.1	138.3@	130.5	156.8@	143.9	109.0	167.3@	171.8	132.1	158.0	19
20	89.9	124.9	126.3	136.7	129.2@	168.6	138.3@	105.0	167.3	172.6	138.2	142.7	20
21	94.4	124.9	119.0	137.0@	129.5	179.5@	135.9	102.4	171.1	168.4@	129.1	136.5@	21
22	100.0	130.6	117.8	144.8	132.4@	184.2A	123.1	103.6	170.3@	163.0	130.4	137.1	22
23	102.8	134.6	117.1	161.1	139.3@	190.4	119.6@	101.9	164.3@	163.0	125.0	138.0	23
24	103.6	138.5	118.2	157.9	142.8@	188.6	114.8	103.1	158.0	158.6	126.8	139.8@	24
25	106.6	142.1	118.8	157.2@	143.9	177.6	110.2	102.0	156.4	158.0	128.0@	142.7	25
26	116.3	137.6	113.0	164.6	148.8	176.4@	108.7	98.6	147.8	156.3	136.2	149.1	26
27	120.0	140.2	114.6	170.4	146.6@	173.6	107.5	105.1@	145.6@	152.7	148.4@	153.8@	27
28	131.6@	138.0	113.0	174.2@	143.2@	168.4	106.6	105.6@	147.2	150.4@	158.4	169.7	28
29	136.3@		111.4	182.5	144.6	161.9	105.9	113.9	147.7	151.9	166.7	171.9	29
30	139.1		115.6@	179.4@	143.2@	149.5@	105.9	121.8A	142.2	148.6	172.6	187.9	30
31	137.3@		124.7		148.4		105.6	131.4@		146.2		201.8	31
MEAN	109.6	145.4	141.8	149.4	146.5	142.2	131.1	114.0	157.9	158.2	151.5	175.5	

ANNUAL MEAN 143.6

OTTAWA
2800 MHZ 17 U.T. OBSERVED SERIES C OTTAWA 2800 MHZ

1979 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	200.7#	191.4	171.6	202.8#	177.6	184.2	180.2	144.8	172.7	212.4	214.8	166.6	1
2	206.9	191.1	173.7	203.6	176.4A	201.0#	194.3#	139.7#	176.9	211.3	212.9	177.0#	2
3	210.4#	193.0#	176.3	194.2	161.6	210.0#	206.4	140.9	177.8	204.5	210.9	200.9#	3
4	199.3#	193.1	184.4	183.3	173.1	222.4#	210.9	137.7	172.4#	197.7#	217.9	227.6	4
5	201.6	203.1	183.0#	179.1	166.6	223.5	197.8	137.6	174.3	192.8#	239.6	230.1#	5
6	197.4	212.4	185.2	175.9A	168.1#	231.2	204.4	145.3	177.6#	195.7	278.2#	230.1	6
7	192.6	209.0	185.9#	166.4	174.7	231.2	200.4	147.0	183.5	197.2	292.2#	229.5	7
8	206.9	213.0#	181.4	168.5#	179.0#	235.6	199.9	148.5	180.9	200.7	316.1A	236.0#	8
9	199.2	204.2	184.0	169.1	177.9	240.0#	191.4#	153.0	184.8	210.1A	320.5#	239.6	9
10	192.6	203.7#	183.0	172.3	171.3	232.7	179.8	148.1#	182.1	209.3	374.5#	237.4	10
11	185.6	207.6#	184.1#	169.2#	175.1	222.7	172.7	150.3	179.2#	212.7	332.3#	238.0#	11
12	180.5	200.6	191.0	173.6	180.4	202.0	164.7	141.0	179.4	217.3	300.7	239.7	12
13	200.5	200.4	188.6	174.8	182.8	187.7	156.2	151.9	183.7	240.3	278.5	239.1	13
14	206.9#	209.4#	191.5	169.9	178.1	179.9	149.8#	154.2#	190.1#	237.6	261.9	245.9	14
15	198.7#	210.3#	183.3	166.9	178.0	170.5	146.3	163.4	191.7	232.1	245.1#	239.2	15
16	196.2#	214.3	185.4#	170.5	172.4	162.3	139.0	160.8	194.2#	233.9	235.8	223.5	16
17	181.5	218.3	179.5	166.7	183.5	153.2	138.1	161.8	200.7#	227.6	237.3	208.9	17
18	183.5	243.3B	190.3#	157.3	167.3#	147.7	136.7	175.6	213.8	238.7	237.4	193.6	18
19	194.0	243.4	179.0A	158.0	157.7	141.5	139.0	182.0	216.2#	239.2#	220.1	189.1	19
20	203.7	235.3#	185.6	154.6	152.0	146.7	141.9	199.4#	212.2#	238.8#	211.0	186.8#	20
21	217.3	230.2	183.5	159.9	151.9	144.1	139.2#	202.9#	216.7	232.2	194.5	182.5#	21
22	234.2	228.3	182.4	158.0#	152.7#	136.6	150.9	218.2	215.0	224.1	187.2	181.1	22
23	232.3	200.2	189.6	160.5	152.0	134.6	158.0#	213.9	222.6#	217.1#	187.9	174.4	23
24	215.2	186.7	189.4	160.0	155.2#	136.7	163.4	220.4	229.3	228.1#	179.9#	165.7	24
25	212.7	170.9	169.1	170.5	149.4#	143.1	159.4	224.4#	234.3	217.8	170.2#	167.5	25
26	199.1	169.4C	201.0	179.7	145.2	148.6	160.5	216.7B	228.8#	205.4	165.9	165.2	26
27	211.8	165.9	188.7	192.4#	145.5	153.3	154.3#	208.4	227.8#	214.0	160.0	158.8#	27
28	216.1	166.8	189.2	189.4#	145.3	153.9	153.3	210.0	232.9	212.8	154.3B	168.7	28
29	215.8		192.0	183.0	146.1	161.4	152.0	193.7	224.3	217.8	158.3	179.9	29
30	200.1#		187.0	182.5#	154.1	170.9#	155.5	184.3	231.2	216.7#	156.6	191.8	30
31	199.5		201.8#		170.1		148.0	176.5		218.2#		195.3	31
MEAN	203.0	204.1	185.8	173.8	165.2	180.3	165.9	172.7	200.2	217.9	231.7	203.5	

ANNUAL MEAN 192.0

OTTAWA
2800 MHZ

17 U.T.

SOLAR RADIO FLUX

OBSERVED

SERIES C

OTTAWA
2800 MHZ

1980

1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	195.6	218.9#	178.9	182.1	215.1	185.8	154.7#	128.1	209.4#	170.8	229.7	229.4	1
2	206.7	224.4	175.9	181.3#	219.5	178.8	149.8	128.0	220.5#	167.7#	238.0	219.4	2
3	219.1#	232.4	173.1#	176.1	217.5	173.8	142.8	129.3	228.2	173.9	245.5	203.8	3
4	219.7#	238.4	175.5#	184.1#	219.4#	176.4	141.9	127.2	221.3	175.2	254.2#	205.4	4
5	214.8	225.2	174.6	209.5#	218.0	173.2	147.5#	128.9	212.2#	182.6	267.9#	192.0	5
6	229.7	228.1	172.0	237.9#	199.9	167.4	145.2	139.2#	207.6	185.5#	278.9#	176.1	6
7	235.8	230.1#	168.8	235.6#	199.6	160.9#	147.5	138.4A	209.9	198.9#	277.7	181.9	7
8	235.9#	224.8	167.2	241.0	196.5#	167.4#	147.8	142.4	197.9	212.5#	271.4#	174.5	8
9	249.1#	214.0#	163.6	244.0#	190.0	169.1#	150.1	152.2B	187.1	224.1#	260.3#	180.5	9
10	261.6#	210.1#	155.9	248.0	187.4	170.8	157.0#	168.9	186.1	233.4	262.4#	186.1	10
11	264.4#	219.4	149.7	248.7	187.6#	177.4	167.6	179.3	185.7	241.7	261.2#	210.0#	11
12	253.5#	219.4	140.3	244.4	185.6	183.6#	172.3	184.6	176.6	248.8#	238.2#	248.2#	12
13	229.2	223.5	146.4	231.4	188.9	180.7	190.5	188.4#	169.7	254.6#	231.7	252.0	13
14	210.8	206.2	142.8	225.0	198.5	182.9#	203.0	186.8#	161.3	252.4	223.5#	261.3	14
15	206.8	206.4#	140.8	204.7#	195.5	180.6	211.4	187.0	152.1	238.4	209.8#	274.7	15
16	194.8	205.1	138.7	191.1	198.3#	187.3	227.9#	190.9	157.9	216.4	195.4	282.0	16
17	193.1	187.3#	144.3	190.4	202.8#	191.3	242.2#	192.9#	156.4	202.5	185.9#	263.2	17
18	183.4	184.2#	148.7	199.6	209.3#	201.0	241.8#	199.3#	153.0	202.2	179.0	263.5	18
19	169.8	181.5	163.6	212.6#	228.7	212.8#	247.0#	196.7	158.7#	204.9	176.6	246.4	19
20	161.7	178.6	163.4	213.7	239.0#	220.6#	249.8	188.5	166.2	202.3	165.6	243.7#	20
21	158.5	173.4	163.5	205.6	246.4	220.7	246.1	189.7	158.3	206.1	165.8	232.2	21
22	163.3#	171.1	163.6	197.0	269.9	242.0#	241.0	174.3#	177.4	207.4#	175.8	238.8	22
23	172.0	163.5	173.4#	184.2	282.2	243.5	227.8	170.4	187.4#	198.1	171.5	233.7	23
24	176.6#	160.6#	173.4	184.1	282.8	238.0#	215.3	160.8#	190.2	194.6	179.6#	231.2	24
25	176.8#	169.1	183.4#	183.7	285.4	231.2#	200.0	150.5#	182.9	185.1	181.1#	228.2	25
26	184.5#	172.4	185.9	184.2	276.7	218.9	191.3	151.4	183.4	182.5#	194.7	227.6	26
27	196.5#	176.6	196.1#	197.8#	273.8#	205.6	182.7	156.0	182.5#	179.5	190.4	227.8	27
28	200.0	175.0#	204.1	200.9	273.4#	193.1#	164.4	165.0	184.5	180.5#	196.7	239.4#	28
29	203.1	179.9#	200.5	200.5#	245.4	182.6	150.6	175.0	177.7#	189.0	211.8#	224.6	29
30	204.0		194.7#	197.9	216.6	177.4	139.0	187.8#	173.6	204.7	222.5	217.1	30
31	220.3#		187.6#		195.1		132.5	195.0#		214.7		205.8	31
MEAN	206.2	200.0	168.1	207.9	224.0	193.2	184.8	166.2	183.9	204.2	218.1	225.8	

ANNUAL MEAN 198.5

OTTAWA
2800 MHZ

17 U.T.

OBSERVED

SERIES C

OTTAWA
2800 MHZ

1981

1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	196.2	213.5	228.5#	211.0#	185.0	145.4	169.6	178.5	243.9	210.2#	225.9#	237.3#	1
2	187.6	216.4	234.6#	211.4#	190.4	140.2	163.3	177.3	238.5	204.6#	245.2#	236.9#	2
3	179.0	211.5#	243.0#	221.2	203.0#	131.1	157.9#	186.8	225.2	196.3	259.5#	245.7	3
4	172.5	203.2	249.6#	219.5	217.5	130.0	160.4	185.2#	229.5	191.1	267.6	248.9	4
5	167.3	193.2	231.0	226.0	233.3	132.0	147.5	173.8	244.8	193.6#	258.5	267.8	5
6	162.8	190.7#	215.9	235.2	227.1	136.5	143.8	174.5	259.1#	200.5	249.1	269.9	6
7	174.4#	185.5#	204.5	241.8	229.8	142.4	144.9	168.3	258.6#	204.3#	245.8	284.1#	7
8	175.0	184.1	203.4#	268.0#	218.3#	142.4#	147.4	173.5	262.4#	201.1#	239.2#	296.7	8
9	172.7	181.6	205.8	286.8	214.5	148.2	145.1#	175.6	253.0	206.0#	237.1	301.4#	9
10	170.2	190.1	205.8	267.7#	213.4#	152.4	151.4#	177.2	244.2	214.0	235.7#	287.3	10
11	166.0	191.4#	202.3	270.7	223.6#	150.1	161.9	201.0	237.7	220.9	221.4	275.2#	11
12	161.9	195.7#	191.1	250.6	218.8	147.4	162.3#	203.5#	231.2B	237.8#	228.3	262.3#	12
13	163.5	202.9	204.6	253.4#	216.7	147.9	168.6#	203.4	227.2	257.5	220.5	225.9	13
14	159.2	205.4	211.2	255.0#	227.5	154.2	178.3	202.9	225.8#	277.0	211.8	199.2	14
15	154.9	198.5	208.6#	253.1#	219.1	159.6	188.3#	219.4	227.9	288.8	195.5	178.1	15
16	157.5	191.5	196.9	245.8#	214.0	163.9	198.7#	216.4#	225.0	304.5	185.3	162.6	16
17	160.4	192.7#	183.3	240.8	202.9	165.9	194.4#	223.1	216.0#	305.0	176.8	149.0	17
18	166.3	194.7#	181.6	227.2	189.8	164.7	198.2#	238.1	214.6#	298.9#	164.6#	140.8#	18
19	170.9	183.0	176.5	213.0	182.2#	160.6	213.3	248.6#	208.6#	280.8	160.9	134.0	19
20	165.2#	192.5	184.2	198.9#	175.8	154.7	227.2#	263.5	198.5	260.1#	155.7	138.3	20
21	161.8	194.2#	190.8	194.2	176.0	148.7	221.0#	261.1#	189.7	240.4	157.7	146.9	21
22	161.4	204.0	190.7#	189.4	165.2#	160.8#	228.(	256.3#	181.7	220.8	156.6	150.7	22
23	161.8	222.6#	189.1#	202.7	155.6	165.7#	246.8#	249.3	182.5	210.3	155.8	158.2	23
24	162.3	236.5#	192.6	200.6#	165.5	169.0	253.5#	253.3	181.1	203.3	154.4	161.4#	24
25	174.6#	238.6	200.3	201.4#	172.7	177.7	251.6	249.3	181.1	188.3	163.3	167.6	25
26	180.2	243.4	199.4#	196.2	169.2	187.5	264.6#	267.3#	187.9	174.1	183.1#	171.9	26
27	181.2#	240.0	198.4	192.0#	172.3	187.0	248.1#	275.8#	202.0	173.5	195.6	182.8	27
28	203.3#	229.3#	204.3#	175.7#	176.5	185.3	216.9	269.9	200.1	184.8	212.1#	189.2	28
29	210.5		213.0#	174.3	166.0	181.3#	206.9	254.0	203.9	190.2	232.8#	189.9	29
30	215.6		208.6	172.7	160.1#	173.1	198.1#	260.2	203.2	204.4	238.3	192.0	30
31	215.3		214.4#		151.8		191.8	251.2#		210.3		189.0	31
MEAN	174.6	204.5	205.3	223.2	194.6	156.9	191.9	220.6	219.5	224.3	207.8	207.8	

ANNUAL MEAN 202.6

OTTAWA
2800 MHZ 17 U.T. OBSERVED SERIES C OTTAWA 2800 MH7

1982 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	186.0	293.3#	235.5	172.4#	149.3	130.4	103.0	119.8	181.0#	204.8	162.0	172.6	1
2	183.2	288.1#	232.2	172.2#	145.1	131.3	103.4	134.2#	165.7#	209.2#	157.0	171.1	2
3	182.1	281.1#	234.1	169.9	145.2	137.5	105.8	149.0#	168.1#	196.8A	149.8	187.0	3
4	176.2	260.1#	242.2#	158.0	142.3	153.7#	107.8	162.6	185.0#	182.3#	145.9	200.3	4
5	171.1	252.3	249.4#	159.7#	146.1	152.0#	110.3	175.8	176.6	163.9	138.8	201.8#	5
6	172.5	252.3	233.5#	164.9	150.3	145.2#	117.3	195.5	169.4	152.1	144.7	216.7	6
7	172.6#	246.6	231.8	163.7#	148.2	154.0#	124.0#	213.6	174.2	140.3	144.9	251.9	7
8	162.3	251.9#	210.0#	161.6#	148.0	162.4	145.4#	211.6#	175.9	137.2	147.6	249.2#	8
9	170.0	238.1	194.9	166.8#	137.2	172.1	170.8#	206.7	176.7	137.8	150.4A	266.6	9
10	150.7	219.4	181.3#	176.4#	128.1	190.1#	196.8#	204.0	163.3	135.2	156.0	282.0#	10
11	141.0	216.7#	180.5	177.8#	129.7	217.5	219.0#	199.6#	156.3	137.9	157.2	267.6#	11
12	136.9	209.4#	183.4	176.6#	129.6	231.1#	232.0#	190.1#	150.5#	136.9	168.4	259.1	12
13	131.8	199.9#	187.8	169.9	127.1	232.8	244.5#	178.3#	149.4	144.6	164.7	246.6	13
14	135.0	190.0	203.5	157.0	129.4	233.3	260.6#	172.3	145.5	141.1	162.9	243.1	14
15	141.0	184.9	209.9#	151.1	129.3	228.5	265.2	168.6	147.4#	134.9	160.5#	229.0	15
16	151.6	174.7	230.0	147.2	135.9	204.1#	260.8#	157.5	145.7	130.7	167.0	220.2#	16
17	157.6	166.5	232.7	144.7#	139.0#	199.6#	264.6	161.1	145.5#	131.0	161.7	207.1#	17
18	173.1	169.6	228.9	145.7	143.4	194.3#	239.3#	162.3#	141.9	133.9	174.2#	192.7	18
19	175.0	174.9#	221.5#	143.8	152.2	200.9	227.2	155.5	141.3#	137.8	186.8	182.6#	19
20	172.5	175.2	218.7	142.8	152.0#	200.5	190.2	141.3	145.7	147.5#	193.9	164.5	20
21	168.7	168.9	213.9	143.8	161.4#	204.0	168.3#	135.5	144.2	162.9	205.8	154.3	21
22	157.8	167.4	215.2	155.2#	154.9	190.9#	144.9#	135.7	145.2	169.9	237.0#	155.1#	22
23	152.7	176.8	203.6	173.3	151.8#	181.3	124.5	138.2	151.5#	179.1#	201.1	162.4#	23
24	153.9	189.9#	190.1	178.9	141.1#	162.8	114.1	139.8	164.4#	193.0	177.5	172.5	24
25	174.7#	187.9	190.9	180.4#	142.0	154.0#	104.8	155.1	169.5	199.2#	169.2	176.4	25
26	188.5#	208.2	193.6#	176.0	153.8	137.6	98.9	163.0	186.4	195.9	173.3#	174.5	26
27	203.3	226.4	196.2#	165.0	167.0#	123.4	94.9	176.7	190.6	190.2#	163.0	171.9	27
28	242.0	228.3	201.2	158.8#	166.8#	119.1	93.5	177.8	196.1	183.8	164.7#	162.4	28
29	275.3		198.6	153.3	166.2#	108.0	94.6	179.8	204.0	173.3#	165.9	152.3	29
30	293.3		194.9#	147.6#	138.9	104.9	109.0	171.2	201.8	169.1	169.5	147.4	30
31	297.7		184.5		133.0		111.1	171.7#		167.6		139.0	31
MEAN	179.0	214.2	210.5	161.8	144.7	171.9	159.6	167.9	165.3	161.9	167.4	199.4	

ANNUAL MEAN 175.3

OTTAWA 2800 MHZ 17 U.T. OBSERVED SERIES C OTTAWA 2800 MHZ

1983 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	135.9	167.5	148.1	100.8	139.8	127.6	120.0#	146.7	108.5#	117.3	99.8	93.1	1
2	135.9	161.2#	141.1	101.3	143.1	135.1#	121.3	141.2#	108.9	120.3	99.2	91.5	2
3	140.8	149.8	143.4	101.4#	137.1	135.4	127.2	135.3#	104.6	123.0	98.5	91.1	3
4	142.9	161.3	146.0	100.7	130.7	145.0	132.7	132.7	108.7	125.1	104.9	94.6	4
5	159.9	158.7#	149.0	98.6	128.5	163.0#	127.8	132.7	115.7	126.6#	106.9	94.7	5
6	167.1#	156.7	141.4	99.3	123.6#	185.8	128.0	138.0	118.8	132.8	-----A	100.0#	6
7	168.9	146.1	134.3	102.0	115.2	174.3	128.3	138.0	116.8	134.0	110.5	101.6	7
8	161.2#	137.0	129.9	103.8#	124.6	168.6	123.7	137.2	116.7	131.4#	105.5	101.3	8
9	155.1	125.3	123.7	105.8	129.7#	154.7#	119.1	139.0	113.7	130.8	101.1	111.5	9
10	149.1	116.4	116.6	102.9	140.7#	146.0#	119.1	147.6	108.2	134.0#	102.9	111.3	10
11	144.1	109.8	104.4	103.9	156.2#	135.0	121.6	147.3	109.1	138.9	98.7	105.0#	11
12	140.3	102.5	100.7#	107.2	157.1#	130.5	120.7	152.6#	103.6#	134.2	91.5	104.3	12
13	139.7	97.9	97.0	108.4	151.2	124.3	119.6	143.6	103.1	134.2#	93.9	104.0	13
14	141.9	94.1	97.0	111.0	150.2#	122.5#	120.4	138.0#	103.9	132.2#	93.0	99.6	14
15	145.8	90.8	101.7#	102.9	142.6	124.7	120.6	132.4#	105.1#	127.8	92.9	95.1	15
16	144.8	91.9	108.9	104.4	131.0#	124.8#	117.4	128.9	105.1#	118.0B	92.6	96.6#	16
17	142.6	94.2	115.7	112.6	128.7#	126.6	116.2	123.7	104.1	111.7#	87.6	95.0	17
18	139.3	99.5	118.8	119.6	134.4	126.3	112.7#	119.2	101.6	104.4	86.4	93.1	18
19	131.6	96.8	119.3	123.9	143.4	129.5	115.7	114.9	100.3	106.0	84.3	89.1	19
20	124.5	99.5	121.7	126.1	148.2#	132.5	121.1	115.9	99.6	100.0	82.3	86.4	20
21	119.9	103.9	119.6#	132.0	146.1	139.4	124.1#	111.6	102.2	90.1	81.3	85.0	21
22	117.1	108.6	118.0	138.2	148.3	144.1	134.6	108.3	105.3	88.1	82.2	85.6	22
23	119.1	114.4	116.9	138.9	140.1	145.0	128.8#	108.4	111.8	88.7	80.2	85.8	23
24	117.7	116.8	117.8	141.0	136.9	137.2#	132.1#	106.4	111.1	89.6	80.9	85.9	24
25	126.6	122.8	114.8#	143.9	135.3	136.9	132.5#	102.0	110.0#	90.3	81.3	85.2#	25
26	136.8	128.8	115.2#	144.9	128.8	139.4B	124.9#	103.6	114.0#	90.2	82.5	85.7	26
27	137.7	141.0	110.0	147.5	127.1	132.6	119.4	101.6	119.3	90.1	86.7	86.3	27
28	144.9	140.3	105.2	154.2#	129.6	125.1#	123.3	100.8	114.3	91.6	89.0	83.5	28
29	153.5		99.2	146.2	135.2	124.7	134.3#	103.6	114.2	92.0	91.9	83.9	29
30	159.6		100.9	145.0	131.7#	122.6	140.0	102.1	112.7#	93.9	92.6	84.1	30
31	166.7		98.9		134.2#		148.6#	102.3		97.7		86.7	31
MEAN	142.3	122.6	118.6	118.9	137.1	138.6	125.0	124.4	109.0	112.4	92.5	93.4	

ANNUAL MEAN 119.6

OTTAWA
2800 MHZ 17 U.T. OBSERVED SERIES C OTTAWA 2800 MHZ

1984 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	87.2	159.2	146.2	135.8	151.3	112.8	98.4	81.6	92.4	71.9	70.6	79.2	1
2	90.4	146.2#	140.6	134.7#	137.1#	108.2	100.2	83.8	91.6	74.7	71.2	79.0	2
3	92.6	135.3	124.6	128.8#	121.0	106.5	101.4	85.8	92.9	75.1	73.2	80.2	3
4	94.1	129.6	116.3#	129.4	111.6#	103.8	102.2	83.3	90.4	75.2	73.4	78.2	4
5	91.2	117.5	111.1	118.6	112.9	101.6	101.0#	83.3	88.4	74.0	72.9	75.6	5
6	88.5	115.0	111.2	111.9#	106.2	96.0	97.0	87.4	84.5	73.3	72.3	75.2	6
7	89.5	116.8	106.6	107.6	116.1	94.5	96.8	89.9	83.9	73.6	71.4	75.0	7
8	95.5	130.7	105.3	100.4A	119.6	91.8	97.8	91.4	82.2	74.7	71.9	76.4	8
9	97.6	143.8	103.9	94.6	135.7	90.8	101.1	91.8	79.5	73.7	74.1	76.8	9
10	98.5	140.3#	100.1	93.5	147.9	89.5	98.0	92.9	78.0	74.3	77.3	78.0	10
11	100.1	144.9#	99.9	96.8	145.0	90.4	93.6	88.4	76.8	74.6	74.6	81.4	11
12	104.5	139.4#	103.5#	106.7	145.2#	90.2	91.7	85.7	75.5	74.2	74.4	80.3	12
13	105.6	131.7	116.1	113.0	148.3	95.5	89.6	84.3	74.0	75.1	73.1	78.6	13
14	102.6	123.4#	122.4	118.1	143.7	106.8	89.3#	81.9	73.5	73.6	73.5	78.2A	14
15	101.1	116.3	135.9	118.9	136.6	112.9#	89.3	80.5	72.5	76.9	74.5	77.3	15
16	99.8#	117.3#	125.3	116.4	134.2	106.9	87.2	81.1	72.6	77.1	72.3	76.7	16
17	98.3	119.4	130.4	121.9#	127.2	106.1#	84.5	79.0	73.9	76.7	72.7	75.0	17
18	98.1	125.1#	126.9#	118.8	128.8	105.4	82.8	77.2	73.1	77.1	73.4	72.5	18
19	96.5	131.4#	127.5	111.5#	134.4	104.4	82.0	74.4	73.9	74.8	74.1	73.3	19
20	105.6	137.6	127.3	122.9#	134.8	103.2	82.1	73.8	73.5	74.2	76.6	72.2	20
21	106.7	147.0	123.3	126.4	141.8#	100.1#	84.0	75.5	74.5	73.9	80.2	72.0	21
22	114.0	161.6	123.6	129.4	126.9	101.3	83.6	74.0	75.4	75.3	80.2	73.0	22
23	116.9	169.7	115.8	135.1#	126.7	101.9	84.6	74.4	75.6	73.4	81.3	73.7	23
24	130.4#	176.6#	113.7	141.2	123.7	100.3	84.1	79.8	75.7	71.6	83.3	74.2	24
25	151.5	172.9#	112.2	150.6	122.5#	101.3	83.2	81.2	74.2	71.1	85.3	74.7	25
26	170.1#	167.6	120.7	171.8	117.8	96.8	80.8	85.9	73.9	70.2	84.7	74.8	26
27	177.6	157.3	129.6#	181.2#	117.1	98.2	80.5	88.5	73.2	69.5	84.8#	74.5	27
28	174.1	151.7	136.3	180.1#	115.4	96.2	80.0	86.9	72.8	70.2	83.3	74.7	28
29	180.0	150.8	138.5#	175.6#	117.7	97.0	79.8	88.5	71.5	69.2	79.2	74.6	29
30	166.5		144.1	168.3	116.4B	97.8	79.7	90.1	72.2	69.8	78.6	73.8	30
31	174.4		144.0		112.7		80.6	91.4#		70.9		72.4	31
MEAN	116.1	140.6	122.0	128.7	128.3	100.3	89.3	83.7	78.1	73.5	76.3	75.9	

ANNUAL MEAN 101.1

OTTAWA
2800 MHZ

17 U.T.

OBSERVED

SERIES C

OTTAWA
2800 MHZ

1985

1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	70.7	74.4	70.6	72.3	79.3#	67.5	74.4	78.2	71.7	68.2	70.1	69.8	1
2	70.1	76.0	70.3	72.7	75.3	70.4	76.5#	78.1	71.5	67.4	69.9	70.4	2
3	70.0	75.8	70.2	72.5A	71.4	72.5	78.6	76.9	71.9	68.6	69.1	70.5	3
4	70.1	72.9	69.7	71.8	69.6	75.3	77.8	77.1	72.3	68.3	68.8	70.3	4
5	69.3	73.3	68.6	71.1	70.1	81.8	80.6	76.3	71.1	67.0	69.7	71.8	5
6	70.2	72.6	69.1	70.4	73.7	84.9	84.6	75.7	71.4	66.1	71.3	73.2	6
7	70.4	72.3	69.0	70.2	77.6	85.8	94.5	77.3	69.8	66.0	73.1	74.1	7
8	69.7	74.5	69.7	69.7	82.1	86.3	93.5#	76.4	69.3	65.9	75.1	75.3	8
9	70.4	75.2	69.7	69.2	87.9	87.1	97.6#	72.9	69.6	66.2	74.3	77.5	9
10	69.7	75.6	68.9	69.4	89.9	88.9	101.2#	70.9	69.3	66.9	74.0	77.9	10
11	70.0	75.2	70.5	68.7	88.1	88.5	94.1	66.6	68.3	68.0	76.2	79.0	11
12	70.7	74.2	70.1	69.3	90.2	87.1	89.9	67.9	67.6	67.2	76.3	79.8	12
13	75.1	72.6	70.3	69.4	90.0	86.4	82.8	67.2	69.8	67.0	75.9	78.0	13
14	74.8	72.4	70.3	70.2	88.7#	82.7	74.0	67.5	69.5	70.2	78.5	78.8	14
15	74.9	72.0	70.4	69.5	90.0#	81.2	70.7	67.3	70.3	72.1	84.0#	82.8	15
16	77.2	71.5	70.8	68.9	93.4	78.4	69.6	66.5	69.5	73.7	80.6	86.5	16
17	78.3	72.6	72.8	69.6	90.2	74.9	69.6	66.2	69.3	76.0	79.2	82.9	17
18	76.5	75.1#	75.3	71.1	90.5	71.4	69.5	66.9	69.8	76.1	79.1	81.0	18
19	77.9	77.9	74.8	71.1	87.5	69.9	69.4	67.5	70.1	78.3	77.5	80.1	19
20	84.4#	76.7	74.8	71.6	84.7	69.6	69.4	68.9	69.2	80.1	77.6	77.9#	20
21	87.7#	75.9	76.6#	77.1	82.3#	69.2	69.0	68.8	69.0	85.5	75.5	77.6	21
22	88.0	74.9	76.4	88.8	80.7#	69.3	68.8	71.1	69.3	95.3	75.0	75.9	22
23	85.1	73.2	77.8	92.3#	78.0	69.5	68.9	71.3	68.7	94.1#	74.7	73.6	23
24	80.7	72.0	80.1	87.9#	76.3	68.5	68.8	70.5	68.6	93.5	73.8	72.3	24
25	76.3	71.5	78.9	94.1	75.2	68.7	73.3	70.9	68.4	89.6#	72.2	69.6	25
26	73.3	71.1	80.0A	87.2#	73.5	67.7	75.0	70.8	68.1	84.0	71.4	68.6	26
27	71.7	70.2	77.7A	79.5	72.6	67.9	76.8	71.6	67.4	79.5#	71.7	68.5	27
28	71.8	71.1	77.9A	77.0	70.8	68.7	78.8	71.7	67.5	77.7	70.9	68.5	28
29	70.8		76.9A	82.0	70.5	69.9	81.0	71.7	68.1	74.6	71.0	68.3	29
30	70.4		76.0A	79.6	69.5	72.3	81.3	72.5	68.1	71.5	70.8	68.6	30
31	72.0A		76.6A		67.7		80.0	72.7		70.6		68.9	31
MEAN	74.5	73.7	73.3	75.1	80.2	76.1	78.7	71.5	69.5	74.7	74.2	74.8	

ANNUAL MEAN 74.7

DAILY VALUES OF SOLAR FLUX

ON 2800 MHZ AT 17:00 U.T.

ADJUSTED TO 1 A.U.

SERIES C

JANUARY 1977 – DECEMBER 1985

OTTAWA
2800 MHZ

17 U.T.

ADJUSTED TO 1 A.U.

SERIES C

OTTAWA
2800 MHZ

1977

1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	73.8	81.7#	72.6	74.8	77.2	88.9	102.0	83.0#	83.1	93.8#	94.4	88.4	1
2	76.5	82.1	75.4	76.3	78.5	90.9#	100.7	82.8	84.2	93.2	93.6	91.2	2
3	76.0	80.9	74.8	76.6	81.9	93.0#	97.4	82.3	87.2	97.4	90.4	93.7	3
4	75.5	78.7	76.9	76.8	81.4#	94.2	94.0	82.9#	84.2	98.8	89.4	95.9	4
5	74.0	77.8	77.6	75.5	79.6	90.2#	88.0#	86.4	85.6	104.0#	90.6	96.9	5
6	72.4	75.2	77.6	76.1	78.5	90.6	90.2	88.2	84.9	103.5	91.1	102.0#	6
7	71.4	74.6	77.2	75.5#	77.1#	92.0	85.2	86.9	89.3	105.5	90.2	105.5	7
8	69.6	78.6	81.6	74.3	77.9	91.9#	82.1	85.1	91.6	103.8	90.3	106.7	8
9	68.4	83.1	80.3	74.8	83.6	90.9	79.0	85.9	95.9A	100.7	91.1	112.6#	9
10	68.8	83.5	80.5	76.5	80.8	89.2#	76.9	87.2	99.8	96.4	93.1	114.7	10
11	71.2	84.6	78.9	79.2	80.8	87.2	76.2	87.6	104.6	95.3	94.9	107.4	11
12	74.9	86.9#	78.6	80.2	79.7	83.3	75.8	86.5	107.8	100.8	91.4	111.0	12
13	77.5	88.5	77.9	82.7	81.5	84.2	77.8	89.0	112.9	98.5	94.0	100.6	13
14	74.5	85.2	77.2	83.4	84.8	82.3	76.8	87.5	118.2	98.9	97.9	93.7#	14
15	75.6	84.4	74.8	86.8	85.0	82.3	76.0	86.9	120.7	98.2	97.9	92.5	15
16	77.5	85.7	74.1	83.7	85.1	81.4	76.9	87.3	120.4	96.8	95.9	92.5	16
17	76.1	89.6#	74.1	83.6	84.1	82.4	76.5	87.1	120.6	94.9	100.4	91.1	17
18	75.4	86.5	73.9	80.8	82.9	84.3	76.9	88.6	120.5	95.4	102.0#	93.6	18
19	76.9	82.8	74.0	79.8#	82.1	85.2	76.9	87.0	104.5R	105.0	99.2	91.0	19
20	75.2	81.1A	72.3	80.4#	81.3	88.9	80.1	88.7	108.8	99.6#	95.7#	88.7	20
21	74.0	78.6	72.8	80.8	81.4	92.4	81.7	90.8	104.9#	98.6#	92.8	87.8	21
22	76.8	75.9	74.6	80.1	82.9	98.8#	83.1	89.6	102.4	93.9	89.3	89.9	22
23	78.7	75.9	74.7	77.5	82.4	99.4	85.0	86.0	99.3	87.3	88.0	91.2	23
24	77.4	74.2	74.8	76.5	79.2	107.4	84.0	86.0	100.6	88.3	86.7	93.9	24
25	74.9	74.3	74.0	76.4	77.4	113.8	86.0	87.7	98.8	88.1	84.7	96.3	25
26	76.0	72.3	75.1	75.4	76.8	120.7	86.0	86.4	99.4	88.6	84.1	99.3	26
27	75.3	72.0	74.5	74.9	77.9	115.9#	85.4	85.4	100.0	88.5	83.8	98.3	27
28	77.1	72.6	74.4	74.2	79.1	113.4	87.5	82.4	100.0	90.3#	85.6	98.9	28
29	76.1		75.4	74.8	81.7	111.9	86.7	86.1	99.4	90.3	85.6	105.6#	29
30	76.3		74.6	76.6	89.9	106.9	84.1	85.5	97.7	94.9	85.3	114.7	30
31	79.6		74.1		92.0		80.4	84.7		95.9		120.2	31
MEAN	74.9	80.3	75.8	78.2	81.4	94.5	83.7	86.4	100.9	96.3	91.6	98.9	

ANNUAL MEAN 86.9

OTTAWA
2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES C OTTAWA 2800 MHZ

1978 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	126.9#	139.1	136.3	130.0	181.4	149.1	142.9	106.0	159.8	139.0	152.0	166.6	1
2	133.9	152.6	141.1	129.8	183.0	147.0#	127.6	106.0	171.7#	137.8	159.0	167.6	2
3	130.2	156.6#	146.6	134.5	182.2A	130.8	116.5	109.6	167.0	131.7	169.9	164.2	3
4	124.8	154.0	148.4	143.3#	178.4	118.6	117.4	112.3	174.4#	132.0#	177.4	165.3	4
5	119.2	159.0	154.5	146.7#	173.9#	116.9	118.9	117.6	179.4	138.7#	181.2	169.5	5
6	118.7#	156.1	162.8	145.3#	173.1	109.8	119.3#	122.6	181.1	137.4	172.2#	164.5	6
7	111.6	157.3	165.2	146.9	162.6#	110.6	128.9	128.2	177.5	141.6	174.6	178.5#	7
8	102.8	157.0#	168.7	148.6	143.4	109.3	135.9	130.6	167.1	150.1	168.0#	189.9	8
9	97.0	155.2	183.7	156.1	135.1	106.5	147.1#	128.1#	157.6#	155.8	164.9#	189.6C	9
10	93.5	148.7	179.1	155.4	129.5	108.4	156.0#	127.5	149.8	162.3	166.3	204.7	10
11	93.1	154.2	175.2	162.8#	133.8	113.2	163.2#	121.7	141.5	171.6#	163.7	210.5	11
12	92.1	159.0	169.8	156.2	138.2	116.4#	174.2#	124.5	138.5	177.2	150.4	217.3C	12
13	90.3	151.2	160.9	145.6	140.2	120.3#	165.5	134.9	138.0	178.5	145.3	210.6#	13
14	88.6	148.4	160.5	139.1	143.7	126.4#	163.1	132.7	143.5#	180.1	136.3	197.0	14
15	89.6	136.8	154.2	141.4	146.1	132.5	169.5	130.0#	152.6	182.0	133.8	192.7	15
16	86.4	130.2	143.3	137.6	147.8#	139.5#	163.4	123.6	161.5	176.7#	128.8	180.5	16
17	83.8	125.9	135.4	133.4	143.8	149.0	159.5	119.3#	161.8	171.5	128.1	177.7	17
18	84.7	124.9	132.3	134.1	135.6	153.5#	154.1#	115.6	169.3#	169.4	127.4	161.5	18
19	85.4	119.1	128.1	139.5#	133.6	162.0#	148.6	111.6	168.8#	170.4	128.9	152.9	19
20	87.0	122.2	125.3	138.1	132.3#	174.2	142.9#	107.5	168.6	171.0	134.9	138.1	20
21	91.4	122.2	118.2	138.4#	132.7	185.4#	140.2	104.8	172.5	166.9#	126.0	132.1#	21
22	96.9	127.7	117.0	146.4	135.7#	190.3A	127.0	106.0	171.5#	161.4	127.1	132.7	22
23	99.6	131.8	116.4	162.9	142.9#	196.7	123.4#	104.1	165.5#	161.4	121.9	133.4	23
24	100.4	135.6	117.5	159.8	146.5#	194.8	118.5	105.4	158.9	156.9	123.5	135.2#	24
25	103.3	139.3	118.2	159.1#	147.6	183.5	113.7	104.2	157.2	156.1	124.7#	138.0	25
26	112.7	134.8	112.5	166.7	152.8	182.4#	112.2	100.7	148.5	154.4	132.7	144.2	26
27	116.4	137.5	114.1	172.8	150.6#	179.5	110.8	107.3#	146.2#	150.7	144.4#	148.7#	27
28	127.7#	135.4	112.7	176.6#	147.1#	174.1	109.9	107.7#	147.8	148.4#	154.1	164.1	28
29	132.2#		111.1	185.2	148.6	167.4	109.2	116.2	148.1	149.8	162.2	166.2	29
30	134.9		115.4#	182.1#	147.2#	154.6#	109.2	124.1A	142.6	146.5	167.8	181.7	30
31	133.3#		124.5		152.6		108.8	133.9#		144.0		195.1	31
MEAN	106.1	141.8	140.3	150.5	149.7	146.8	135.4	116.9	159.6	157.1	148.2	170.0	

ANNUAL MEAN 143.5

OTTAWA
2800 MHZ 17 J.T. ADJUSTED TO 1 A.U. SERIES C OTTAWA
2800 MHZ

1979 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	194.1#	185.8	168.5	202.6#	180.4	189.5	186.3	149.1	175.8	212.8	211.6	161.9	1
2	200.1	185.6	170.7	203.4	179.2A	206.8#	200.9#	143.9#	180.1	211.5	209.5	172.0#	2
3	203.5#	187.4#	173.3	194.2	164.3	216.1#	213.4	145.1	180.8	204.7	207.5	195.1#	3
4	192.7#	187.7	181.4	183.5	176.0	228.8#	218.1	141.7	175.3#	197.7#	214.2	221.0	4
5	194.9	197.4	180.1#	179.3	169.6	230.2	204.5	141.6	177.1	192.8#	235.5	223.4#	5
6	190.9	206.5	182.4	176.3A	171.1#	238.1	211.3	149.5	180.4#	195.5	273.2#	223.4	6
7	186.2	203.4	183.1#	166.7	178.0	238.1	207.2	151.1	186.3	197.0	286.9#	222.6	7
8	200.1	207.2#	178.9	169.0#	182.4#	242.7	206.7	152.7	183.6	200.3	310.1A	228.9#	8
9	192.6	198.7	181.4	169.6	181.3	247.4#	197.9#	157.3	187.4	209.5A	314.4#	232.4	9
10	186.2	198.4#	180.6	173.0	174.7	239.9	185.9	152.1#	184.6	208.7	367.0#	230.3	10
11	179.5	202.2#	181.7#	170.0#	178.6	229.6	178.6	154.4	181.5#	211.8	325.7#	230.6#	11
12	174.5	195.4	188.7	174.5	184.2	208.3	170.1	144.8	181.7	216.4	294.4	232.3	12
13	193.9	195.4	186.3	175.8	186.6	193.7	161.4	155.8	186.1	239.1	272.7	231.7	13
14	200.0#	204.2#	189.4	170.9	182.0	185.7	154.7#	158.2#	192.6#	236.4	256.4	238.3	14
15	192.1#	205.0#	181.3	168.1	181.9	176.0	151.1	167.6	193.8	230.7	239.7#	231.8	15
16	189.9#	209.2	183.5#	171.7	176.4	167.5	143.6	164.8	196.3#	232.3	230.6	216.3	16
17	175.7	213.1	177.7	168.0	187.7	158.1	142.7	165.8	202.7#	226.0	231.8	202.2	17
18	177.6	237.7B	188.6#	158.7	171.3#	152.6	141.2	180.0	215.7	236.8	231.9	187.4	18
19	187.8	237.8	177.6A	159.4	161.5	146.2	143.6	186.4	218.1#	237.3#	214.8	183.0	19
20	197.2	230.1#	184.1	156.1	155.6	151.5	146.6	204.2#	213.9#	236.7#	205.9	180.8#	20
21	210.3	225.1	182.2	161.5	155.7	148.9	143.7#	207.6#	218.4	230.1	189.8	176.7#	21
22	226.9	223.3	181.1	159.7#	156.5#	141.1	155.7	223.2	216.5	221.9	182.5	175.3	22
23	225.1	196.0	188.5	162.3	156.0	139.0	163.1#	218.6	224.2#	214.9#	183.2	168.6	23
24	208.5	182.8	188.3	161.9	159.2#	141.2	168.6	225.2	230.7	225.6#	175.2#	160.2	24
25	206.1	167.5	188.2	172.5	153.3#	147.8	164.5	229.3#	235.5	215.2	165.8#	162.0	25
26	192.9	166.0C	200.2	182.0	149.1	153.7	165.6	223.3B	229.9#	202.9	161.6	159.7	26
27	205.4	162.7	187.9	195.1#	149.4	158.5	159.1#	212.8	228.7#	211.2	155.7	153.6#	27
28	209.6	163.6	188.6	192.1#	149.2	159.1	158.1	214.2	233.8	210.0	150.1B	163.1	28
29	209.3		191.4	185.7	150.2	166.9	156.7	197.6	225.0	214.8	154.0	174.0	29
30	194.1#		186.6	185.2#	158.4	176.7#	160.3	187.8	231.9	213.7#	152.2	185.5	30
31	193.7		201.4#		174.9		152.4	179.9		214.9#		188.9	31
MEAN	196.5	199.1	184.0	175.0	168.9	186.0	171.4	177.0	202.3	216.4	226.8	197.2	

ANNUAL MEAN 191.7

SOLAR RADIO FLUX

OTTAWA
2800 MHZ

17 U.T.

ADJUSTED TO 1 A.U.

SERIES C

OTTAWA
2800 MHZ
1980

1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	189.1	212.6#	175.7	181.9	218.5	191.2	160.0#	131.9	213.2#	171.1	226.3	223.0	1
2	199.9	217.9	172.9	181.1#	223.0	184.0	154.9	131.8	224.5#	167.9#	234.2	213.3	2
3	211.9#	225.7	170.2#	176.1	221.2	178.8	147.7	133.2	232.1	174.1	241.6	197.9	3
4	212.4#	231.7	172.7#	184.3#	223.1#	181.5	146.7	130.9	225.1	175.2	249.9#	199.4	4
5	207.7	218.9	171.8	209.7#	221.9	178.4	152.5#	132.6	215.6#	182.6	263.3#	186.4	5
6	222.1	221.7	169.4	238.4#	203.5	172.4	150.1	143.2#	210.9	185.3#	273.9#	171.0	6
7	228.0	223.9#	166.3	236.1#	203.4	165.7#	152.5	142.3A	213.0	198.7#	272.7	176.4	7
8	228.1#	218.7	164.9	241.7	200.2#	172.4#	152.8	146.4	200.9	212.1#	266.2#	169.3	8
9	240.9#	208.2#	161.3	244.7#	193.6	174.3#	155.2	156.5B	189.7	223.4#	255.4#	175.1	9
10	253.0#	204.6#	153.9	249.0	191.1	176.1	162.3#	173.5	188.7	232.7	257.2#	180.5	10
11	255.7#	213.7	147.8	249.9	191.4#	182.9	173.3	184.1	188.1	240.7	256.0#	203.5#	11
12	245.1#	213.7	138.6	245.6	189.5	189.3#	178.0	189.6	178.9	247.8#	233.2#	240.5#	12
13	221.6	217.9	144.6	232.8	192.9	186.5	196.8	193.3#	171.9	253.3#	226.8	244.2	13
14	203.8	201.0	141.2	226.3	202.9	188.8#	209.7	191.7#	163.4	251.1	218.8#	253.2	14
15	200.0	201.2#	139.3	206.1#	199.8	186.4	218.4	191.9	153.8	237.0	205.2#	266.2	15
16	188.6	200.2	137.3	192.4	202.9#	193.3	235.4#	195.7	159.6	214.9	191.1	273.0	16
17	186.9	182.8#	142.9	191.9	207.5#	197.4	250.2#	197.7#	158.0	201.1	181.6#	254.8	17
18	177.5	180.0#	147.4	201.4	214.3#	207.6	249.8#	204.3#	154.4	200.6	174.9	255.1	18
19	164.4	177.3	162.3	214.5#	234.2	219.8#	255.2#	201.4	160.1#	203.3	172.4	238.5	19
20	156.5	174.7	162.1	215.8	244.7#	227.9#	258.0	193.0	167.5	200.5	161.6	235.9#	20
21	153.4	169.6	162.4	207.7	252.6	228.0	254.0	194.1	159.6	204.2	161.8	224.8	21
22	158.2#	167.3	162.5	199.2	276.6	250.0#	248.7	178.3#	178.6	205.3#	171.4	231.2	22
23	166.7	160.1	172.4#	186.2	289.5	251.5	235.1	174.1	188.7#	196.1	167.2	226.0	23
24	171.1#	157.2#	172.4	186.3	290.2	245.9#	222.2	164.3#	191.3	192.5	174.9#	223.6	24
25	171.3#	165.7	182.5#	185.9	292.8	238.8#	206.4	153.8#	183.8	182.9	176.4#	220.7	25
26	178.8#	169.0	185.2	186.6	284.2	226.3	197.4	154.6	184.3	180.3#	189.6	220.1	26
27	190.6#	173.2	195.3#	200.6#	281.2#	212.6	188.4	159.3	183.2#	177.2	185.3	220.3	27
28	194.0	171.7#	203.5	203.7	280.8#	199.7#	169.5	168.3	185.2	178.2#	191.4	231.5#	28
29	197.0	176.7#	199.9	203.5#	252.3	188.8	155.3	178.5	178.2#	186.4	206.1#	217.2	29
30	197.9		194.3#	200.9	222.7	183.4	143.3	191.4#	174.1	201.8	216.3	209.9	30
31	213.9#		187.2#		200.6		136.5	198.7#		211.5		199.0	31
MEAN	199.6	195.1	166.5	209.3	229.1	199.3	190.8	170.3	185.9	202.9	213.4	218.8	

ANNUAL MEAN 198.4

OTTAWA
2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES C OTTAWA
2800 MHZ

1981 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	189.7	207.3	224.4@	210.8@	188.0	149.6	175.4	183.9	248.3	210.6@	222.5@	230.7@	1
2	181.4	210.1	230.6@	211.2@	193.4	144.3	168.9	182.6	242.8	204.8@	241.3@	230.3@	2
3	173.1	205.4@	238.9@	221.2	206.5@	134.9	163.3@	192.4	229.0	196.5	255.3@	238.6	3
4	166.8	197.5	245.6@	219.7	221.2	133.8	165.9	190.6@	233.4	191.1	263.1	241.7	4
5	161.8	187.8	227.3	226.2	237.5	136.0	152.5	178.8	248.7	193.6@	254.1	260.0	5
6	157.4	185.4@	212.7	235.7	231.2	140.6	148.7	179.6	263.2@	200.3	244.6	262.1	6
7	168.6@	180.5@	201.4	242.3	234.2	146.7	149.8	173.0	262.5@	204.1@	241.4	275.6@	7
8	169.2	179.1	200.6@	268.8@	222.4@	146.7@	152.4	178.4	266.3@	200.7@	234.7@	287.8	8
9	167.0	176.7	202.9	287.7	218.6	152.8	150.0@	180.5	256.5	205.4@	232.6	292.4@	9
10	164.6	185.2	203.1	268.8@	217.7@	157.1	156.5@	182.0	247.6	213.4	231.0@	278.7	10
11	160.5	186.4@	199.7	272.1	228.1@	154.8	167.4	206.4	240.8	220.0	217.0	266.7@	11
12	156.6	190.6@	188.8	251.9	223.4	152.0	167.7@	209.0@	234.2@	236.8@	223.5	254.2@	12
13	158.1	197.8	202.1	254.9@	221.3	152.6	174.2@	208.7	230.2	256.2	215.9	238.9	13
14	153.9	200.3	208.9	256.5@	232.5	159.1	184.2	208.2	228.7@	275.6	207.4	193.0	14
15	149.8	193.5	206.3@	254.9@	223.9	164.7	194.5@	225.1	230.4	287.1	191.2	172.6	15
16	152.5	186.9	194.9	247.5@	218.9	169.1	205.3@	221.8@	227.5	302.4	181.2	157.4	16
17	155.3	188.1@	181.5	242.7	207.6	171.2	200.8@	228.7	218.2@	302.9	172.7	144.2	17
18	161.0	190.2@	180.0	229.2	194.4	170.1	204.7@	244.1	216.5@	296.5@	160.8@	136.3@	18
19	165.4	178.8	175.1	214.9	186.6@	165.9	220.3	254.6@	210.5@	278.6	157.0	129.7	19
20	159.9@	188.3	182.7	200.9@	180.0	159.8	234.7@	269.8	200.1	257.8@	152.0	133.9	20
21	156.6	189.9@	189.5	196.1	180.4	153.6	228.1@	267.1@	191.2	238.2	153.9	142.2	21
22	156.4	199.5	189.4@	191.5	169.3@	166.1@	235.9	262.2@	183.0	218.6	152.7	145.9	22
23	156.8	217.9@	188.0@	204.9	159.6	171.2@	254.7@	254.8	183.8	208.2	151.9	153.0	23
24	157.3	231.5@	191.4	203.0@	169.8	174.6	261.6@	258.9	182.2	201.1	150.4	156.1@	24
25	169.2@	233.8	199.3	203.8@	177.2	183.6	259.7	254.8	182.0	186.0	159.1	162.1	25
26	174.6	238.5	198.6@	198.8	173.8	193.9	273.1@	272.9@	188.8	172.0	178.3@	166.2	26
27	175.8@	235.4	197.6	194.7@	177.0	193.4	255.8@	281.6@	202.8	171.2	190.3	176.8	27
28	197.2@	224.9@	203.7@	178.2@	181.3	191.6	223.6	275.3	200.9	182.4	206.4@	183.0	28
29	204.2		212.4@	176.9	170.6	187.5@	213.3	259.1	204.5	187.5	226.5@	183.6	29
30	209.1		208.2	175.3	164.6@	179.0	204.2@	265.1	203.8	201.5	231.6	185.7	30
31	209.1		214.0@		156.1		197.6	256.0@		207.1		182.8	31
MEAN	169.0	199.5	203.2	224.7	198.9	161.9	198.2	226.0	221.9	222.8	203.3	201.4	

ANNUAL MEAN 202.6

OTTAWA
2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES C OTTAWA 2800 MHZ

1982 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	179.9	284.8#	231.3	172.2#	151.7	134.2	106.5	123.4	184.3#	205.2	159.6	167.8	1
2	177.2	279.7#	228.3	172.0#	147.4	135.1	106.9	138.2#	168.7#	209.4#	154.5	166.3	2
3	176.1	272.9#	230.1	169.9	147.7	141.5	109.4	153.5#	171.0#	197.0A	147.4	181.6	3
4	170.4	252.8#	238.3#	158.2	144.7	158.2#	111.5	167.3	188.1#	182.3#	143.4	194.5	4
5	165.5	245.2	245.4#	159.9#	148.7	156.6#	114.1	180.9	179.4	163.9	136.4	195.9#	5
6	166.8	245.2	230.0#	165.2	153.0	149.6#	121.3	201.2	172.1	151.9	142.1	210.4	6
7	166.9#	239.9	228.3	164.0#	151.0	158.6#	128.2#	219.6	176.8	140.2	142.3	244.3	7
8	156.9	245.1#	207.1#	162.1#	150.8	167.3	150.3#	217.5#	178.5	136.9	144.8	241.7#	8
9	164.4	231.7	192.2	167.3#	139.8	177.4	176.6#	212.5	179.2	137.4	147.5A	258.6	9
10	145.7	213.7	178.9#	177.1#	130.7	196.0#	203.5#	209.5	165.6	134.8	152.9	273.5#	10
11	136.3	211.1#	178.2	178.7#	132.3	224.2	226.4#	205.0#	158.3	137.3	154.1	259.3#	11
12	132.4	204.0#	181.2	177.5#	132.3	238.3#	239.7#	195.2#	152.5#	136.4	164.9	251.1	12
13	127.5	194.9#	185.5	170.9	129.8	240.2	252.6#	182.9#	151.3	143.9	161.2	239.0	13
14	130.5	185.3	201.3	157.9	132.2	240.8	269.2#	176.8	147.4	140.4	159.5	235.6	14
15	136.3	180.3	207.6#	152.2	132.1	235.8	274.0	173.0	149.0#	134.1	157.0#	221.9	15
16	146.7	170.5	227.7	148.2	139.0	210.6#	269.4#	161.4	147.3	129.8	163.3	213.2#	16
17	152.6	162.5	230.4	145.9#	142.2#	206.0#	273.3	165.1	147.0#	130.1	158.0	200.5#	17
18	167.6	165.7	226.8	147.0	146.8	200.7#	247.2#	166.4#	143.2	132.8	170.2#	186.5	18
19	169.4	170.9#	219.7#	145.1	155.9	207.5	234.7	159.2	142.6#	136.7	182.3	176.8#	19
20	167.0	171.3	217.0	144.2	155.6#	207.1	196.5	144.7	146.9	146.2#	189.2	159.2	20
21	163.3	165.2	212.4	145.2	165.4#	210.7	173.7#	138.6	145.4	161.4	200.9	149.4	21
22	152.9	163.7	213.7	156.9#	158.8	197.2#	149.5#	138.8	146.2	168.2	231.1#	150.1#	22
23	148.0	173.1	202.4	175.2	155.7#	187.3	128.5	141.2	152.6#	177.3#	196.1	157.0#	23
24	149.1	185.9#	189.0	181.0	144.8#	168.2	117.8	142.9	165.4#	190.9	172.9	166.8	24
25	169.3#	184.1	189.9	182.6#	145.7	159.1#	108.2	158.5	170.3	196.8#	164.8	170.6	25
26	182.7#	204.0	192.8#	178.3	158.0	142.3	102.1	166.4	187.3	193.5	168.8#	168.7	26
27	197.2	222.1	195.4#	167.3	171.5#	127.6	97.8	180.4	191.4	187.7#	158.6	166.2	27
28	234.7	224.0	200.6	161.0#	171.3#	123.1	96.4	181.4	196.9	181.4	160.3#	157.0	28
29	267.0		198.0	155.6	170.9#	111.7	97.5	183.4	204.6	170.9#	161.4	147.3	29
30	284.5		194.5#	149.8#	142.8	108.5	112.4	174.5	202.4	166.7	164.8	142.5	30
31	289.1		184.1		136.7		114.4	175.0#		165.1		134.4	31
MEAN	173.4	208.9	208.3	162.9	147.9	177.4	164.8	172.1	167.1	160.9	163.7	193.2	

ANNUAL MEAN 175.1

OTTAWA
2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES C OTTAWA 2800 MHZ

1983 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	131.4	162.6	145.4	100.7	142.0	131.3	124.1#	151.1	110.5#	117.5	98.3	90.5	1
2	131.4	156.5#	138.7	101.2	145.4	139.0#	125.4	145.4#	110.9	120.4	97.6	88.9	2
3	136.2	145.5	141.0	101.4#	139.4	139.3	131.5	139.4#	106.4	123.1	96.9	88.5	3
4	138.2	156.8	143.7	100.8	132.9	149.2	137.2	136.5	110.5	125.1	103.1	91.9	4
5	154.6	154.3#	146.6	98.7	130.8	167.9#	132.1	136.5	117.6	126.6#	105.1	92.0	5
6	161.6#	152.3	139.3	99.5	125.8#	191.4	132.4	142.0	120.7	132.7	----A	97.1#	6
7	163.3	142.2	132.3	102.2	117.4	179.5	132.7	141.9	118.6	133.9	108.5	98.6	7
8	155.9#	133.3	128.1	104.1#	127.0	173.7	127.9	141.0	118.5	131.1#	103.5	98.3	8
9	150.0	121.9	122.0	106.1	132.2#	159.5#	123.1	142.9	115.3	130.4	99.2	108.2	9
10	144.2	113.4	115.1	103.3	143.5#	150.5#	123.1	151.6	109.7	133.6#	100.8	108.0	10
11	139.3	106.9	103.0	104.4	159.3#	139.2	125.7	151.3	110.5	138.3	96.7	101.7#	11
12	135.7	99.8	99.5#	107.7	160.4#	134.5	124.7	156.7#	104.9#	133.7	89.6	101.1	12
13	135.1	95.5	95.8	109.1	154.4	128.3	123.5	147.3	104.4	133.5#	91.9	100.8	13
14	137.2	91.7	95.9	111.7	153.5#	126.4#	124.4	141.6#	105.3	131.5#	91.0	96.5	14
15	141.0	88.5	100.6#	103.6	145.7	128.7	124.6	135.8#	106.3#	127.0	90.9	92.2	15
16	140.2	89.7	107.8	105.1	134.0#	128.8#	121.3	132.1	106.3#	117.2B	90.6	93.5#	16
17	138.0	91.9	114.5	113.5	131.7#	130.7	120.0	126.8	105.1	110.9#	85.6	92.0	17
18	134.8	97.2	117.7	120.7	137.6	130.5	116.4#	122.2	102.5	103.6	84.4	90.1	18
19	127.4	94.6	118.3	125.0	146.8	133.8	119.5	117.7	101.2	105.2	82.3	86.2	19
20	120.5	97.3	120.7	127.4	151.8#	136.9	125.1	118.7	100.4	99.1	80.3	83.6	20
21	116.1	101.6	118.8#	133.3	149.8	144.0	128.1#	114.2	103.0	89.3	79.3	82.3	21
22	113.5	106.2	117.2	139.7	152.0	148.9	138.9	110.8	106.0	87.2	80.1	82.9	22
23	115.4	112.0	116.2	140.4	143.7	149.8	132.9#	110.8	112.6	87.8	78.2	83.0	23
24	114.1	114.3	117.1	142.7	140.5	141.7#	136.3#	108.7	111.8	88.6	78.8	83.1	24
25	122.7	120.3	114.2#	145.6	138.8	141.4	136.7#	104.2	110.5#	89.2	79.2	82.4#	25
26	132.6	126.2	114.7#	146.8	132.3	144.1B	128.9#	105.8	114.6#	89.1	80.4	82.9	26
27	133.6	138.3	109.6	149.6	130.5	137.1	123.1	103.7	119.8	88.9	84.4	83.5	27
28	140.6	137.6	104.9	156.4#	133.1	129.4#	127.1	102.8	114.8	90.4	86.6	80.7	28
29	148.9		98.9	148.4	139.0	128.9	138.5#	105.7	114.5	90.7	89.4	81.1	29
30	154.8		100.7	147.2	135.4#	126.8	144.3	104.0	113.0#	92.6	90.0	81.3	30
31	161.9		98.7		138.0#		153.1#	104.2		96.2		83.8	31
MEAN	137.7	119.6	117.3	119.9	140.2	143.0	129.1	127.5	110.2	111.8	90.4	90.5	

ANNUAL MEAN 119.8

OTTAWA
2800 MHZ

17 U.T.

ADJUSTED TO 1 A.U.

OTTAWA
SERIES C 2800 MHZ

1984

1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	84.3	154.6	143.6	135.7	153.7	116.1	101.7	84.0	94.1	72.0	69.5	77.0	1
2	87.4	142.0#	138.2	134.6#	139.3#	111.3	103.6	86.3	93.2	74.8	70.1	76.8	2
3	89.5	131.4	122.5	128.8#	123.1	109.6	104.8	88.4	94.5	75.2	72.0	77.9	3
4	91.0	126.0	114.4#	129.5	113.5#	106.8	105.7	85.7	91.9	75.2	72.2	75.9	4
5	88.2	114.2	109.3	118.7	114.9	104.6	104.4#	85.7	89.8	74.0	71.7	73.4	5
6	85.6	111.8	109.5	112.1#	108.1	98.9	100.3	89.9	85.9	73.2	71.0	73.0	6
7	86.5	113.6	105.0	107.8	118.3	97.3	100.1	92.4	85.2	73.5	70.1	72.8	7
8	92.3	127.2	103.8	100.7A	121.9	94.6	101.1	94.0	83.4	74.6	70.5	74.1	8
9	94.4	139.9	102.4	94.9	138.3	93.6	104.5	94.4	80.6	73.5	72.7	74.5	9
10	95.2	136.7#	98.8	93.9	150.9	92.3	101.3	95.4	79.1	74.1	75.8	75.7	10
11	96.8	141.1#	98.6	97.3	147.9	93.2	96.8	90.8	77.8	74.3	73.1	78.9	11
12	101.1	135.8#	102.3#	107.2	148.2#	93.0	94.7	88.0	76.5	73.9	72.8	77.8	12
13	102.1	128.4	114.7	113.7	151.4	98.6	92.6	86.5	75.0	74.7	71.6	76.2	13
14	99.2	120.3#	121.1	118.8	146.9	110.2	92.2#	84.0	74.5	73.2	72.0	75.8A	14
15	97.8	113.4	134.4	119.7	139.6	116.5#	92.2	82.6	73.3	76.4	72.9	74.9	15
16	96.6#	114.5#	124.0	117.2	137.3	110.3	90.1	83.1	73.4	76.6	70.7	74.2	16
17	95.2	116.5	129.1	122.9#	130.1	109.5#	87.3	81.0	74.6	76.2	71.0	72.6	17
18	95.0	122.2#	125.8#	119.9	131.9	108.9	85.5	79.1	73.8	76.5	71.7	70.2	18
19	93.4	128.4#	126.5	112.5#	137.6	107.8	84.7	76.2	74.6	74.2	72.3	71.0	19
20	102.2	134.6	126.3	124.1#	138.0	106.6	84.8	75.6	74.1	73.5	74.8	69.9	20
21	103.3	143.8	122.4	127.7	145.3#	103.4#	86.7	77.2	75.1	73.2	78.3	69.7	21
22	110.5	158.0	122.7	130.8	130.1	104.6	86.3	75.7	75.9	74.5	78.2	70.7	22
23	113.3	166.1	115.1	136.6#	130.0	105.3	87.3	76.0	76.1	72.7	79.3	71.3	23
24	126.4#	172.9#	113.0	142.9	126.9	103.6	86.8	81.6	76.2	70.8	81.1	71.8	24
25	146.8	169.4#	111.6	152.4	125.7#	104.6	85.9	83.0	74.6	70.2	83.1	72.2	25
26	164.8#	164.2	120.2	174.0	121.0	100.1	83.4	87.7	74.3	69.4	82.5	72.3	26
27	172.3	154.3	129.1#	183.7#	120.3	101.5	83.0	90.4	73.5	68.6	82.5#	72.0	27
28	168.9	148.8	135.9	182.6#	118.5	99.5	82.5	88.6	73.1	69.3	81.1	72.2	28
29	174.6	148.1	138.1#	178.2#	121.0	100.3	82.3	90.3	71.7	68.2	77.1	72.1	29
30	161.5		143.8	170.8	119.7B	101.1	82.2	91.8	72.4	68.8	76.4	71.4	30
31	169.3		143.7		115.9		83.0	93.1#		69.8		70.0	31
MEAN	112.4	137.2	120.8	129.7	131.1	103.5	92.2	85.8	78.9	73.1	74.6	73.5	

ANNUAL MEAN 101.1

OTTAWA
2800 MHZ

17 U.T.

ADJUSTED TO 1 A.U.

SERIES C

OTTAWA
2800 MHZ

1985

1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	68.4	72.2	69.3	72.2	80.6#	69.5	76.9	80.5	73.0	68.3	69.0	67.8	1
2	67.8	73.8	69.1	72.6	76.5	72.4	79.1#	80.4	72.8	67.5	68.8	68.4	2
3	67.7	73.6	69.0	72.5A	72.6	74.6	81.3	79.2	73.1	68.7	68.0	68.5	3
4	67.8	70.9	68.6	71.9	70.8	77.5	80.4	79.3	73.5	68.3	67.6	68.3	4
5	67.0	71.2	67.5	71.2	71.4	84.3	83.3	78.5	72.2	67.0	68.5	69.7	5
6	67.9	70.6	68.1	70.5	75.0	87.4	87.5	77.9	72.5	66.0	70.0	71.1	6
7	68.1	70.3	68.0	70.3	79.1	88.4	97.7	79.5	70.8	65.9	71.8	71.9	7
8	67.4	72.5	68.7	69.9	83.7	88.9	96.7#	78.5	70.3	65.8	73.7	73.0	8
9	68.1	73.2	68.7	69.4	89.6	89.8	100.9#	74.9	70.6	66.0	72.9	75.2	9
10	67.4	73.6	68.0	69.7	91.7	91.7	104.6#	72.8	70.3	66.7	72.5	75.6	10
11	67.7	73.2	69.6	69.0	89.9	91.2	97.3	68.4	69.2	67.7	74.7	76.6	11
12	68.4	72.3	69.3	69.6	92.1	89.8	92.9	69.7	68.5	66.9	74.7	77.3	12
13	72.6	70.8	69.5	69.8	91.9	89.2	85.5	68.9	70.7	66.7	74.3	75.6	13
14	72.3	70.6	69.5	70.6	90.7#	85.3	76.4	69.3	70.4	69.8	76.9	76.4	14
15	72.4	70.2	69.6	70.0	92.0#	83.8	7..0	69.0	71.1	71.7	82.2#	80.2	15
16	74.7	69.8	70.1	69.4	95.5	80.9	71.9	68.2	70.3	73.2	78.8	83.7	16
17	75.8	70.9	72.1	70.2	92.3	77.3	71.9	67.9	70.0	75.5	77.4	80.2	17
18	74.1	73.4#	74.6	71.7	92.7	73.8	71.8	68.6	70.4	75.5	77.3	78.4	18
19	75.4	76.1	74.2	71.7	89.6	72.2	71.7	69.1	70.7	77.7	75.6	77.5	19
20	81.7#	75.0	74.2	72.3	86.7	71.9	71.7	70.6	69.8	79.4	75.7	75.4#	20
21	84.9#	74.2	76.1#	77.9	84.4#	71.5	71.2	70.4	69.6	84.7	73.7	75.1	21
22	85.3	73.3	75.9	89.8	82.7#	71.6	71.0	72.7	69.8	94.3	73.1	73.5	22
23	82.5	71.7	77.3	93.3#	80.0	71.8	71.1	72.9	69.2	93.2#	72.8	71.2	23
24	78.2	70.5	79.6	89.0#	78.3	70.8	71.0	72.1	69.0	92.5	71.9	69.9	24
25	73.9	70.1	78.5	95.2	77.2	71.0	75.6	72.5	68.7	88.5#	70.3	67.3	25
26	71.0	69.7	79.7A	88.3#	75.5	70.0	77.4	72.3	68.4	83.0	69.5	66.3	26
27	69.5	68.9	77.4A	80.6	74.6	70.2	79.2	73.1	67.7	78.5#	69.8	66.2	27
28	69.6	69.7	77.7A	78.1	72.7	71.0	81.2	73.1	67.8	76.7	69.0	66.2	28
29	68.7		76.7A	83.2	72.5	72.3	83.5	73.1	68.3	73.6	69.1	66.0	29
30	68.3		75.8A	80.8	71.4	74.8	83.8	73.9	68.3	70.5	68.8	66.3	30
31	69.9A		76.4A		69.6		82.4	74.1		69.5		66.6	31
MEAN	72.1	71.9	72.5	75.7	82.0	78.5	81.3	73.3	70.2	74.2	72.6	72.4	

ANNUAL MEAN 74.7

DAILY VALUES OF SOLAR FLUX

ON 2800 MHZ AT 17:00 U.T.

ADJUSTED TO 1 A.U.

SERIES D

JANUARY 1977 – DECEMBER 1985

OTTAWA
2800 MHZ

17 U.T.

ADJUSTED TO 1 A.U.

SERIES D

OTTAWA
2800 MHZ

1977

1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	66.4	73.5#	65.3	67.3	69.5	80.0	91.8	74.7#	74.8	84.4#	85.0	79.6	1
2	68.8	73.9	67.9	68.7	70.6	81.8#	90.6	74.5	75.8	83.9	84.2	82.1	2
3	68.4	72.8	67.3	68.9	73.7	83.7#	87.7	74.1	78.5	87.7	81.4	84.3	3
4	67.9	70.8	69.2	69.1	73.3#	84.8	84.6	74.6#	75.8	88.9	80.5	86.3	4
5	66.6	70.0	69.8	67.9	71.6	81.2#	79.2#	77.8	77.0	93.6#	81.5	87.2	5
6	65.2	67.7	69.8	68.5	70.6	81.5	81.2	79.4	76.4	93.1	82.0	91.8#	6
7	64.3	67.1	69.5	67.9#	69.4#	82.8	76.7	78.2	80.4	94.9	81.2	94.9	7
8	62.6	70.7	73.4	66.9	70.1	82.7#	73.9	76.6	82.4	93.4	81.3	96.0	8
9	61.6	74.8	72.3	67.3	75.2	81.8	71.1	77.3	86.3A	90.6	82.0	101.3#	9
10	61.9	75.1	72.4	68.8	72.7	80.3#	69.2	78.5	89.8	86.8	83.8	103.2	10
11	64.1	76.1	71.0	71.3	72.7	78.5	68.6	78.8	94.1	85.8	85.4	96.7	11
12	67.4	78.2#	70.7	72.2	71.7	75.0	68.2	77.8	97.0	90.7	82.3	99.9	12
13	69.8	79.6	70.1	74.4	73.3	75.8	70.0	80.1	101.6	88.6	84.6	90.5	13
14	67.0	76.7	69.5	75.1	76.3	74.1	69.1	78.8	106.4	89.0	88.1	84.3#	14
15	68.0	76.0	67.3	78.1	76.5	74.1	68.4	78.2	108.6	88.4	88.1	83.3	15
16	69.8	77.1	66.7	75.3	76.6	73.3	69.2	78.6	108.4	87.1	86.3	83.3	16
17	68.5	80.6#	66.7	75.2	75.7	74.2	68.8	78.4	108.5	85.4	90.4	82.0	17
18	67.9	77.8	66.5	72.7	74.6	75.9	69.2	79.7	108.4	85.9	91.8#	84.2	18
19	69.2	74.5	66.6	71.8#	73.9	76.7	69.2	78.3	94.0R	94.5	89.3	81.9	19
20	67.7	73.0A	65.1	72.4#	73.2	80.0	72.1	79.8	97.9	89.6#	86.1#	79.8	20
21	66.6	70.7	65.5	72.7	73.3	83.2	73.5	81.7	94.4#	88.7#	83.5	79.0	21
22	69.1	68.3	67.1	72.1	74.6	88.9#	74.8	80.6	92.2	84.5	80.4	80.9	22
23	70.8	68.3	67.2	69.8	74.2	89.5	76.5	77.4	89.4	78.6	79.2	82.1	23
24	69.7	66.8	67.3	68.8	71.3	96.7	75.6	77.4	90.5	79.5	78.0	84.5	24
25	67.4	66.9	66.6	68.8	69.7	102.4	77.4	78.9	88.9	79.3	76.2	86.7	25
26	68.4	65.1	67.6	67.9	69.1	108.6	77.4	77.8	89.5	79.7	75.7	89.4	26
27	67.8	64.8	67.0	67.4	70.1	104.3#	76.9	76.9	90.0	79.6	75.4	88.5	27
28	69.4	65.3	67.0	66.8	71.2	102.1	78.8	74.2	90.0	81.3#	77.0	89.0	28
29	68.5		67.9	67.3	73.5	100.7	78.0	77.5	89.5	81.3	77.0	95.0#	29
30	68.7		67.1	68.9	80.9	96.2	75.7	76.9	87.9	85.4	76.8	103.2	30
31	71.6		66.7		82.8		72.4	76.2		86.3		108.2	31
MEAN	67.5	72.2	68.2	70.3	73.3	85.0	75.3	77.7	90.8	86.7	82.5	89.0	

ANNUAL MEAN 78.2

OTTAWA
2800 MHZ

17 U.T.

ADJUSTED TO 1 A.U.

SERIES D

OTTAWA
2800 MHZ
1978

1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	114.2#	125.2	122.7	117.0	163.3	134.2	128.6	95.4	143.8	125.1	136.8	149.9	1
2	120.5	137.3	127.0	116.8	164.7	132.3#	114.8	95.4	154.5#	124.0	143.1	150.8	2
3	117.2	140.9#	131.9	121.0	164.0A	117.7	104.8	98.6	150.3	118.5	152.9	147.8	3
4	112.3	138.6	133.6	129.0#	160.6	106.7	105.7	101.1	157.0#	118.8#	159.7	148.8	4
5	107.3	143.1	139.0	132.0#	156.5#	105.2	107.0	105.8	161.5	124.8#	163.1	152.5	5
6	106.8#	140.5	146.5	130.8#	155.8	98.8	107.4#	110.3	163.0	123.7	155.0#	148.0	6
7	100.4	141.6	148.7	132.2	146.3#	99.5	116.0	115.4	159.8	127.4	157.1	160.6#	7
8	92.5	141.3#	151.8	133.7	129.1	98.4	122.3	117.5	150.4	135.1	151.2#	170.9	8
9	87.3	139.7	165.3	140.5	121.6	95.8	132.4#	115.3#	141.8#	140.2	148.4#	170.6C	9
10	84.1	133.8	161.2	139.9	116.5	97.6	140.4#	114.8	134.8	146.1	149.7	184.2	10
11	83.8	138.8	157.7	146.5#	120.4	101.9	146.9#	109.5	127.3	154.4#	147.3	189.4	11
12	82.9	143.1	152.8	140.6	124.4	104.8#	156.8#	112.0	124.6	159.5	135.4	195.6C	12
13	81.3	136.1	144.8	131.0	126.2	108.3#	148.9	121.4	124.2	160.6	130.8	189.5#	13
14	79.7	133.6	144.4	125.2	129.3	113.8#	146.8	119.4	129.1#	162.1	122.7	177.3	14
15	80.6	123.1	138.8	127.3	131.5	119.3	152.5	117.0#	137.3	163.8	120.4	173.4	15
16	77.8	117.2	129.0	123.8	133.0#	125.5#	147.1	111.2	145.3	159.0#	115.9	162.4	16
17	75.4	113.3	121.9	120.1	129.4	134.1	143.5	107.4#	145.6	154.3	115.3	159.9	17
18	76.2	112.4	119.1	120.7	122.0	138.1#	138.7#	104.0	152.4#	152.5	114.7	145.3	18
19	76.9	107.2	115.3	125.5#	120.2	145.8#	133.7	100.4	151.9#	153.4	116.0	137.6	19
20	78.3	110.0	112.8	124.3	119.1#	156.8	128.6#	96.8	151.7	153.9	121.4	124.3	20
21	82.3	110.0	106.4	124.6#	119.4	166.9#	126.2	94.3	155.3	150.2#	113.4	118.9#	21
22	87.2	114.9	105.3	131.8	122.1#	171.3A	114.3	95.4	154.3#	145.3	114.4	119.4	22
23	89.6	118.6	104.8	146.6	128.6#	177.0	111.1#	93.7	148.9#	145.3	109.7	120.1	23
24	90.4	122.0	105.8	143.8	131.8#	175.3	106.6	94.9	143.0	141.2	111.1	121.7#	24
25	93.0	125.4	106.4	143.2#	132.8	165.1	102.3	93.8	141.5	140.5	112.2#	124.2	25
26	101.4	121.3	101.3	150.0	137.5	164.2#	101.0	90.6	133.6	139.0	119.4	129.8	26
27	104.8	123.8	102.7	155.5	135.5#	161.5	99.7	96.6#	131.6#	135.6	130.0#	133.8#	27
28	114.9#	121.9	101.4	158.9#	132.4#	156.7	98.9	96.9#	133.0	133.6#	138.7	147.7	28
29	119.0#		100.0	166.7	133.7	150.7	98.3	104.6	133.3	134.8	146.0	149.6	29
30	121.4		103.9#	163.9#	132.5#	139.1#	98.3	111.7A	128.3	131.8	151.0	163.5	30
31	120.0#		112.0		137.3		97.9	120.5#		129.6		175.6	31
MEAN	95.5	127.7	126.3	135.4	134.8	132.1	121.9	105.2	143.6	141.4	133.4	153.0	

ANNUAL MEAN 129.2

OTTAWA
2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES D OTTAWA 2800 MHZ

1979 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	174.7#	167.2	151.6	182.3#	162.4	170.5	167.7	134.2	158.2	191.5	190.4	145.7	1
2	180.1	167.0	153.6	183.1	161.3A	186.1#	180.8#	129.5#	162.1	190.3	188.5	154.8#	2
3	183.1#	168.7#	156.0	174.8	147.9	194.5#	192.1	130.6	162.7	184.2	186.8	175.6#	3
4	173.4#	168.9	163.3	165.1	158.4	205.9#	196.3	127.5	157.8#	177.9#	192.8	198.9	4
5	175.4	177.7	162.1#	161.4	152.6	207.2	184.0	127.4	159.4	173.5#	211.9	201.1#	5
6	171.8	185.8	164.2	158.7A	154.0#	214.3	190.2	134.5	162.4#	175.9	245.9#	201.1	6
7	167.6	183.1	164.8#	150.0	160.2	214.3	186.5	136.0	167.7	177.3	258.2#	200.3	7
8	180.1	186.5#	161.0	152.1#	164.2#	218.4	186.0	137.4	165.2	180.3	279.1A	206.0#	8
9	173.3	178.8	163.3	152.6	163.2	222.7#	178.1#	141.6	168.7	188.5A	283.0#	209.2	9
10	167.6	178.6#	162.5	155.7	157.2	215.9	167.3	136.9#	166.1	187.8	330.3#	207.3	10
11	161.5	182.0#	163.5#	153.0#	160.7	206.6	160.7	139.0	163.3#	190.6	293.1#	207.5#	11
12	157.0	175.9	169.8	157.0	165.8	187.5	153.1	130.3	163.5	194.8	265.0	209.1	12
13	174.5	175.9	167.7	158.2	167.9	174.3	145.3	140.2	167.5	215.2	245.4	208.5	13
14	180.0#	183.8#	170.5	153.8	163.8	167.1	139.2#	142.4#	173.3#	212.8	230.8	214.5	14
15	172.9#	184.5#	163.2	151.3	163.7	158.4	136.0	150.8	174.4	207.6	215.7#	208.6	15
16	170.9#	188.3	165.1#	154.5	158.8	150.8	129.2	148.3	176.7#	209.1	207.5	194.7	16
17	158.1	191.8	159.9	151.2	168.9	142.3	128.4	149.2	182.4#	203.4	208.6	182.0	17
18	159.8	213.9B	169.7#	142.8	159.2#	137.3	127.1	162.0	194.1	213.1	208.7	168.7	18
19	169.0	214.0	159.8A	143.5	145.3	131.6	129.2	167.8	196.3#	213.6#	193.3	164.7	19
20	177.5	207.1#	165.7	140.5	140.0	136.3	131.9	183.8#	192.5#	213.0#	185.3	162.1	20
21	189.3	202.6	164.0	145.3	140.1	134.0	129.3#	186.8#	196.6	207.1	170.8	159.0#	21
22	204.2	201.0	163.0	143.7#	140.8#	127.0	140.1	200.9	194.8	199.7	164.3	157.8	22
23	202.6	176.4	169.6	146.1	140.4	125.1	146.8#	196.7	201.8#	193.4#	164.9	151.7	23
24	187.6	164.5	169.5	145.7	143.3#	127.1	151.7	202.7	207.6	203.0#	157.7#	144.2	24
25	185.5	150.8	169.4	155.3	138.0#	133.0	148.0	206.4#	211.9	193.7	149.2#	145.8	25
26	173.6	149.4C	180.2	163.8	134.2	138.3	149.0	201.0B	206.9#	182.6	145.4	143.7	26
27	184.9	146.4	169.1	175.6#	134.5	142.6	143.2#	191.5	205.8#	190.1	140.1	138.2#	27
28	188.6	147.2	169.7	172.9#	134.3	143.2	142.3	192.8	210.4	189.0	135.1B	146.8	28
29	188.4		172.3	167.1	135.2	150.2	141.0	177.8	202.5	193.3	138.6	156.6	29
30	174.7#		167.9	166.7#	142.6	159.0#	144.3	169.0	208.7	192.3#	137.0	166.9	30
31	174.3		181.3#		157.4		137.2	161.9		193.4#		170.0	31
MEAN	176.8	179.2	165.6	157.5	152.0	167.4	154.3	159.3	182.0	194.8	204.1	177.5	

ANNUAL MEAN 172.5

SOLAR RADIO FLUX

OTTAWA 2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES D OTTAWA 2800 MHZ

1980 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	170.2	191.3#	158.1	163.7	196.6	172.1	144.0#	118.7	191.9#	154.0	203.7	200.7	1
2	179.9	196.1	155.6	163.0#	200.7	165.6	139.4	118.6	202.0#	151.1#	210.8	192.0	2
3	190.7#	203.1	153.2#	158.5	199.1	160.9	132.9	119.9	208.9	156.7	217.4	178.1	3
4	191.2#	208.5	155.4#	165.9#	200.8#	163.3	132.0	117.8	202.6	157.7	224.9#	179.5	4
5	186.9	197.0	154.6	188.7#	199.7	160.6	137.3#	119.3	194.0#	164.3	237.0#	167.8	5
6	199.9	199.5	152.5	214.6#	183.1	155.2	135.1	128.9#	189.8	166.8#	246.5#	153.9	6
7	205.2	201.5#	149.7	212.5#	183.1	149.1#	137.3	128.1A	191.7	178.8#	245.4	158.8	7
8	205.3#	196.8	148.4	217.5	180.2#	155.2#	137.5	131.8	180.8	190.9#	239.6#	152.4	8
9	216.8#	187.4#	145.2	220.2#	174.2	156.9#	139.7	140.8B	170.7	201.1#	229.9#	157.6	9
10	227.7#	184.1#	138.5	224.1	172.0	158.5	146.1#	156.1	169.8	209.4	231.5#	162.4	10
11	230.1#	192.3	133.0	224.9	172.3#	164.6	156.0	165.7	169.3	216.6	230.4#	183.1#	11
12	220.6#	192.3	124.7	221.0	170.5	170.4#	160.2	170.6	161.0	223.0#	209.9#	216.4#	12
13	199.4	196.1	130.1	209.5	173.6	167.8	177.1	174.0#	154.7	228.0#	204.1	219.8	13
14	183.4	180.9	127.1	203.7	182.6	169.9#	188.7	172.5#	147.1	226.0	196.9#	227.9	14
15	180.0	181.1#	125.4	185.5#	179.8	167.8	196.6	172.7	138.4	213.3	184.7#	239.6	15
16	169.7	180.2	123.6	173.2	182.6#	174.0	211.9#	176.1	143.6	193.4	172.0	245.7	16
17	168.2	164.5#	128.6	172.7	186.8#	177.7	225.2#	177.9#	142.2	181.0	163.4#	229.3	17
18	159.8	162.0#	132.7	181.3	192.9#	186.8	224.8#	183.9#	139.0	180.5	157.4	229.6	18
19	148.0	159.6	146.1	193.0#	210.8	197.8#	229.7#	181.3	144.1#	183.0	155.2	214.6	19
20	140.8	157.2	145.9	194.2	220.2#	205.1#	232.2	173.7	150.8	180.4	145.4	212.3#	20
21	138.1	152.6	146.2	186.9	227.3	205.2	228.6	174.7	143.6	183.8	145.6	202.3	21
22	142.4#	150.6	146.3	179.3	248.9	225.0#	223.8	160.5#	160.7	184.8#	154.3	208.1	22
23	150.0	144.1	155.2#	167.6	260.5	226.3	211.6	156.7	169.8#	176.5	150.5	203.4	23
24	154.0#	141.5#	155.2	167.7	261.2	221.3#	200.0	147.9#	172.2	173.3	157.4#	201.2	24
25	154.2#	149.1	164.3#	167.3	263.5	214.9#	185.8	138.4#	165.4	164.6	158.8#	198.6	25
26	160.9#	152.1	166.7	167.9	255.8	203.7	177.7	139.1	165.9	162.3#	170.6	198.1	26
27	171.5#	155.9	175.8#	180.5#	253.1#	191.3	169.6	143.4	164.9#	159.5	166.8	198.3	27
28	174.6	154.5#	183.1	183.3	252.7#	179.7#	152.5	151.5	166.7	160.4#	172.3	208.3#	28
29	177.3	159.0#	179.9	183.1#	227.1	169.9	139.8	160.6	160.4#	167.8	185.5#	195.5	29
30	178.1		174.9#	180.8	200.4	165.1	129.0	172.3#	156.7	181.6	194.7	188.9	30
31	192.5#		168.5#		180.5		122.8	178.8#		190.3		179.1	31
MEAN	179.6	175.5	149.8	188.4	206.2	179.4	171.8	153.3	167.3	182.6	192.1	196.9	

ANNUAL MEAN 178.6

OTTAWA
2800 MHZ

17 U.T.

ADJUSTED TO 1 A.U.

SERIES D

OTTAWA
2800 MHZ

1981

1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	170.7	186.6	202.0#	189.7#	169.2	134.6	157.9	165.5	223.5	189.5#	200.3#	207.6#	1
2	163.3	189.1	207.5#	190.1#	174.1	129.9	152.0	164.3	218.5	184.3#	217.2#	207.3#	2
3	155.8	184.9#	215.0#	199.1	185.8#	121.4	147.0#	173.2	206.1	176.8	229.8#	214.7	3
4	150.1	177.8	221.0#	197.7	199.1	120.4	149.3	171.5#	210.1	172.0	236.8	217.5	4
5	145.6	169.0	204.6	203.6	213.8	122.4	137.3	160.9	223.8	174.2#	228.7	234.0	5
6	141.7	166.9#	191.4	212.1	208.1	126.5	133.8	161.6	236.9#	180.3	220.1	235.9	6
7	151.7#	162.4#	181.3	218.1	210.8	132.0	134.8	155.7	236.3#	183.7#	217.3	248.0#	7
8	152.3	161.2	180.5#	241.9#	200.2#	132.0#	137.2	160.6	239.7#	180.6#	211.2#	259.0	8
9	150.3	159.0	182.6	258.9	196.7	137.5	135.0#	162.4	230.8	184.9#	209.3	263.2#	9
10	148.1	166.7	182.8	241.9#	195.9#	141.4	140.8#	163.8	222.8	192.1	207.9#	250.8	10
11	144.4	167.8#	179.7	244.9	205.3#	139.3	150.7	185.8	216.7	198.0	195.3	240.0#	11
12	140.9	171.5#	169.9	226.7	201.1	136.8	150.9#	188.1#	210.8B	213.1#	201.1	228.8#	12
13	142.3	178.0	181.9	229.4#	199.2	137.3	156.8#	187.8	207.2	230.6	194.3	197.0	13
14	138.5	180.3	188.0	230.8#	209.3	143.2	165.8	187.4	205.8#	248.0	186.7	173.7	14
15	134.8	174.1	185.7#	229.4#	201.5	148.2	175.0#	202.6	207.4	258.4	172.1	155.3	15
16	137.3	168.2	175.4	222.8#	197.0	152.2	184.8#	199.6#	204.8	272.2	163.1	141.7	16
17	139.8	169.3#	163.3	218.4	186.8	154.1	180.7#	205.8	196.4#	272.6	155.4	129.8	17
18	144.9	171.2#	162.0	206.3	175.0	153.1	184.2#	219.7	194.8#	266.8#	144.7#	122.7#	18
19	148.9	160.9	157.6	193.4	167.9#	149.3	198.3	229.1#	189.4#	250.7	141.3	116.7	19
20	143.9#	169.5	164.4	180.8#	162.0	143.8	211.2#	242.8	180.1	232.0#	136.8	120.5	20
21	140.9	170.9#	170.5	176.5	162.4	138.2	205.3#	240.4#	172.1	214.4	138.5	128.0	21
22	140.8	179.5	170.5#	172.3	152.4#	149.5#	212.3	236.0#	164.7	196.7	137.4	131.3	22
23	141.1	196.1#	169.2#	184.4	143.6	154.1#	229.2#	229.3	165.4	187.4	136.7	137.7	23
24	141.6	208.3#	172.3	182.7#	152.8	157.1	235.4#	233.0	164.0	181.0	135.4	140.5#	24
25	152.3#	210.4	179.4	183.4#	159.5	165.2	233.7	229.3	163.8	167.4	143.2	145.9	25
26	157.1	214.6	178.7#	178.9	156.4	174.5	245.8#	245.6#	169.9	154.8	160.5#	149.6	26
27	158.2#	211.9	177.8	175.2#	159.3	174.1	230.2#	253.4#	182.5	154.1	171.3	159.1	27
28	177.5#	202.4#	183.3#	160.4#	163.2	172.4	201.2	247.8	180.8	164.2	185.8#	164.7	28
29	183.8		191.2#	159.2	153.5	168.8#	192.0	233.2	184.0	168.8	203.8#	165.2	29
30	188.2		187.4	157.8	148.1#	161.1	183.8#	238.6	183.4	181.3	208.4	167.1	30
31	188.2		192.6#		140.5		177.8	230.4#		186.4		164.5	31
MEAN	152.1	179.6	182.9	202.2	179.0	145.7	178.4	203.4	199.7	200.6	183.0	181.2	

ANNUAL MEAN 182.3

OTTAWA
2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES D OTTAWA 2800 MHZ

1982 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	161.9	256.3@	208.2	155.0@	136.5	120.8	95.8	111.1	165.9@	184.7	143.6	151.0	1
2	159.5	251.7@	205.5	154.8@	132.7	121.6	96.2	124.4@	151.8@	188.5@	139.0	149.7	2
3	158.5	245.6@	207.1	152.9	132.9	127.3	98.5	138.1@	153.9@	177.3A	132.7	163.4	3
4	153.4	227.5@	214.5@	142.4	130.2	142.4@	100.3	150.6	169.3@	164.1@	129.1	175.0	4
5	148.9	220.7	220.9@	143.9@	133.8	140.9@	102.7	162.8	161.5	147.5	122.8	176.3@	5
6	150.1	220.7	207.0@	148.7	137.7	134.6@	109.2	181.1	154.9	136.7	127.9	189.4	6
7	150.2@	215.9	205.5	147.6@	135.9	142.7@	115.4@	197.6	159.1	126.2	128.1	219.9	7
8	141.2	220.6@	186.4@	145.9@	135.7	150.6	135.3@	195.8@	160.6	123.2	130.3	217.5@	8
9	148.0	208.5	173.0	150.6@	125.8	159.7	158.9@	191.3	161.3	123.7	132.8A	232.7	9
10	131.1	192.3	161.0@	159.4@	117.6	176.4@	183.1@	188.5	149.0	121.3	137.6	246.1@	10
11	122.7	190.0@	160.4	160.8@	119.1	201.8	203.8@	184.5@	142.5	123.6	138.7	233.4@	11
12	119.2	183.6@	163.1	159.8@	119.1	214.5@	215.7@	175.7@	137.3@	122.8	148.4	226.0	12
13	114.8	175.4@	166.9	153.8	116.8	216.2	227.3@	164.6@	136.2	129.5	145.1	215.1	13
14	117.4	166.8	181.2	142.1	119.0	216.7	242.3@	159.1	132.7	126.4	143.5	212.0	14
15	122.7	162.3	186.8@	137.0	118.9	212.2	246.6	155.7	134.1@	120.7	141.3@	199.7	15
16	132.0	153.4	204.9	133.4	125.1	189.5@	242.5@	145.3	132.6	116.8	147.0	191.9@	16
17	137.3	146.3	207.4	131.3@	128.0@	185.4@	246.0	148.6	132.3@	117.1	142.2	180.4@	17
18	150.8	149.1	204.1	132.3	132.1	180.6@	222.5@	149.8@	128.9	119.5	153.2@	167.8	18
19	152.5	153.8@	197.7@	130.6	140.3	186.8	211.2	143.3	128.3@	123.0	164.1	159.1@	19
20	150.3	154.2	195.3	129.8	140.0@	186.4	176.8	130.2	132.2	131.6@	170.3	143.3	20
21	147.0	148.7	191.2	130.7	148.9@	189.6	156.3@	124.7	130.9	145.3	180.8	134.5	21
22	137.6	147.3	192.3	141.2@	142.9	177.5@	134.5@	124.9	131.6	151.4	208.0@	135.1@	22
23	133.2	155.8	182.2	157.7	140.1@	168.6	115.6	127.1	137.3@	159.6@	176.5	141.3@	23
24	134.2	167.3@	170.1	162.9	130.3@	151.4	106.0	128.6	148.9@	171.8	155.6	150.1	24
25	152.4@	165.7	170.9	164.3@	131.1	143.2@	97.4	142.6	153.3	177.1@	148.3	153.5	25
26	164.4@	183.6	173.5@	160.5	142.2	128.1	91.9	149.8	168.6	174.1	151.9@	151.8	26
27	177.5	199.9	175.9@	150.6	154.3@	114.8	88.0	162.4	172.3	168.9@	142.7	149.6	27
28	211.2	201.6	180.5	144.9@	154.2@	110.8	86.8	163.3	177.2	163.3	144.3@	141.3	28
29	240.3		178.2	140.0	153.8@	100.5	87.8	165.1	184.1	153.8@	145.3	132.6	29
30	256.0		175.0@	134.8@	128.5	97.6	101.2	157.0	182.2	150.0	148.3	128.3	30
31	260.2		165.7		123.0		103.0	157.5@		148.6		121.0	31
MEAN	156.0	188.0	187.5	146.7	133.1	159.6	148.3	154.9	150.4	144.8	147.3	173.8	

ANNUAL MEAN 157.5

OTTAWA
2800 MHZ

17 U.T.

ADJUSTED TO 1 A.U.

SERIES D

OTTAWA
2800 MHZ

1983

1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	118.3	146.3	130.9	90.6	127.8	118.2	111.7@	136.0	99.4@	105.8	88.5	81.4	1
2	118.3	140.8@	124.8	91.1	130.9	125.1@	112.9	130.9@	99.8	108.4	87.8	80.0	2
3	122.6	130.9	126.9	91.3@	125.5	125.4	118.3	125.5@	95.8	110.8	87.2	79.6	3
4	124.4	141.1	129.3	90.7	119.6	134.3	123.5	122.8	99.4	112.6	92.8	82.7	4
5	139.1	138.9@	131.9	88.8	117.7	151.1@	118.9	122.8	105.8	113.9@	94.6	82.8	5
6	145.4@	137.1	125.4	89.5	113.2@	172.3	119.2	127.8	108.6	119.4	----A	87.4@	6
7	147.0	128.0	119.1	92.0	105.7	161.5	119.4	127.7	106.7	120.5	97.6	88.7	7
8	140.3@	120.0	115.3	93.7@	114.3	156.3	115.1	126.9	106.6	118.0@	93.1	88.5	8
9	135.0	109.7	109.8	95.5	119.0@	143.5@	110.8	128.6	103.8	117.4	89.3	97.4	9
10	129.8	102.1	103.6	93.0	129.1@	135.4@	110.8	136.4	98.7	120.2@	90.7	97.2	10
11	125.4	96.2	92.7	94.0	143.4@	125.3	113.1	136.2	99.4	124.5	87.0	91.5@	11
12	122.1	89.8	89.5@	96.9	144.4@	121.0	112.2	141.0@	94.4@	120.3	80.6	91.0	12
13	121.6	85.9	86.2	98.2	139.0	115.5	111.1	132.6	94.0	120.1@	82.7	90.7	13
14	123.5	82.5	86.3	100.5	138.1@	113.8@	112.0	127.4@	94.8	118.3@	81.9	86.8	14
15	126.9	79.6	90.5@	93.2	131.1	115.8	112.1	122.2@	95.7@	114.3	81.8	83.0	15
16	126.2	80.7	97.0	94.6	120.6@	115.9@	109.2	118.9	95.7@	105.5B	81.5	84.1@	16
17	124.2	82.7	103.0	102.1	118.5@	117.6	108.0	114.1	94.6	99.8@	77.0	82.8	17
18	121.3	87.5	105.9	108.6	123.8	117.4	104.8@	110.0	92.3	93.2	76.0	81.1	18
19	114.7	85.1	106.5	112.5	132.1	120.4	107.5	105.9	91.1	94.7	74.1	77.6	19
20	108.4	87.6	108.6	114.7	136.6@	123.2	112.6	106.8	90.4	89.2	72.3	75.2	20
21	104.5	91.4	106.9@	120.0	134.8	129.6	115.3@	102.8	92.7	80.4	71.4	74.1	21
22	102.1	95.6	105.5	125.7	136.8	134.0	125.0	99.7	95.4	78.5	72.1	74.6	22
23	103.9	100.8	104.6	126.4	129.3	134.8	119.6@	99.7	101.3	79.0	70.4	74.7	23
24	102.7	102.9	105.4	128.4	126.4	127.5@	122.7@	97.8	100.6	79.7	70.9	74.8	24
25	110.4	108.3	102.8@	131.0	124.9	127.3	123.0@	93.8	99.4@	80.3	71.3	74.2@	25
26	119.3	113.6	103.2@	132.1	119.1	129.7B	116.0@	95.2	103.1@	80.2	72.4	74.6	26
27	120.2	124.5	98.6	134.6	117.4	123.4	110.8	93.3	107.8	80.0	76.0	75.1	27
28	126.5	123.8	94.4	140.8@	119.8	116.5@	114.4	92.5	103.3	81.4	77.9	72.6	28
29	134.0		89.0	133.6	125.1	116.0	124.6@	95.1	103.0	81.6	80.5	73.0	29
30	139.3		90.6	132.5	121.9@	114.1	129.9	93.6	101.7@	83.3	81.0	73.2	30
31	145.7		88.8		124.2@		137.8@	93.8		86.6		75.4	31
MEAN	124.0	107.6	105.6	107.9	126.1	128.7	116.2	114.8	99.2	100.6	81.4	81.5	

ANNUAL MEAN 107.8

OTTAWA
2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES D OTTAWA 2800 MHZ

1984 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.9	139.1	129.2	122.1	138.3	104.5	91.5	75.6	84.7	64.8	62.5	69.3	1
2	78.7	127.8@	124.4	121.1@	125.4@	100.2	93.2	77.7	83.9	67.3	63.1	69.1	2
3	80.5	118.3	110.3	115.9@	110.8	98.6	94.3	79.6	85.0	67.7	64.8	70.1	3
4	81.9	113.4	103.0@	116.5	102.1@	96.1	95.1	77.1	82.7	67.7	65.0	68.3	4
5	79.4	102.8	98.4	106.8	103.4	94.1	94.0@	77.1	80.8	66.6	64.5	66.1	5
6	77.0	100.6	98.5	100.9@	97.3	89.0	90.3	80.9	77.3	65.9	63.9	65.7	6
7	77.8	102.2	94.5	97.0	106.5	87.6	90.1	83.2	76.7	66.1	63.1	65.5	7
8	83.1	114.5	93.4	90.6A	109.7	85.1	91.0	84.6	75.1	67.1	63.4	66.7	8
9	85.0	125.9	92.2	85.4	124.5	84.2	94.0	85.0	72.5	66.1	65.4	67.0	9
10	85.7	123.0@	88.9	84.5	135.8	83.1	91.2	85.9	71.2	66.7	68.2	68.1	10
11	87.1	127.0@	88.7	87.6	133.1	83.9	87.1	81.7	70.0	66.9	65.8	71.0	11
12	91.0	122.2@	92.1@	96.5	133.4@	83.7	85.2	79.2	68.8	66.5	65.5	70.0	12
13	91.9	115.6	103.2	102.3	136.3	88.7	83.3	77.8	67.5	67.2	64.4	68.6	13
14	89.3	108.3@	109.0	106.9	132.2	99.2	83.0@	75.6	67.0	65.9	64.8	68.2A	14
15	88.0	102.1	121.0	107.7	125.6	104.8@	83.0	74.3	66.0	68.8	65.6	67.4	15
16	86.9@	103.0@	111.6	105.5	123.6	99.3	81.1	74.8	66.1	68.9	63.6	66.8	16
17	85.7	104.8	116.2	110.6@	117.1	98.5@	78.6	72.9	67.1	68.6	63.9	65.3	17
18	85.5	110.0@	113.2@	107.9	118.7	98.0	76.9	71.2	66.4	68.8	64.5	63.2	18
19	84.1	115.6@	113.8	101.3@	123.8	97.0	76.2	68.6	67.1	66.8	65.1	63.9	19
20	92.0	121.1	113.7	111.7@	124.2	95.9	76.3	68.0	66.7	66.1	67.3	62.9	20
21	93.0	129.4	110.2	114.9	130.8@	93.1@	78.0	69.5	67.6	65.9	70.5	62.7	21
22	99.4	142.2	110.4	117.7	117.1	94.1	77.7	68.1	68.3	67.0	70.4	63.6	22
23	102.0	149.5	103.6	122.9@	117.0	94.8	78.6	68.4	68.5	65.4	71.4	64.2	23
24	113.8@	155.6@	101.7	128.6	114.2	93.2	78.1	73.4	68.6	63.7	73.0	64.6	24
25	132.1	152.5@	100.4	137.2	113.1@	94.1	77.3	74.7	67.1	63.2	74.8	65.0	25
26	148.3@	147.8	108.2	156.6	108.9	90.1	75.1	78.9	66.9	62.5	74.3	65.1	26
27	155.1	138.9	116.2@	165.3@	108.3	91.3	74.7	81.4	66.1	61.7	74.3@	64.8	27
28	152.0	133.9	122.3	164.3@	106.6	89.5	74.3	79.7	65.8	62.4	73.0	65.0	28
29	157.1	133.3	124.3@	160.4@	108.9	90.3	74.1	81.3	64.5	61.4	69.4	64.9	29
30	145.3		129.4	153.7	107.7B	91.0	74.0	82.6	65.2	61.9	68.8	64.3	30
31	152.4		129.3		104.3		74.7	83.8@		62.8		63.0	31
MEAN	101.2	123.5	108.8	116.7	118.0	93.1	83.0	77.2	71.0	65.8	67.1	66.1	

ANNUAL MEAN 91.0

OTTAWA
2800 MHZ 17 U.T. ADJUSTED TO 1 A.U. SERIES D OTTAWA 2800 MHZ

1985 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	61.6	65.0	62.4	65.0	72.5@	62.5	69.2	72.4	65.7	61.5	62.1	61.0	1
2	61.0	66.4	62.2	65.3	68.8	65.2	71.2@	72.4	65.5	60.8	61.9	61.6	2
3	60.9	66.2	62.1	65.3A	65.3	67.1	73.2	71.3	65.8	61.8	61.2	61.6	3
4	61.0	63.8	61.7	64.7	63.7	69.8	72.4	71.4	66.1	61.5	60.8	61.5	4
5	60.3	64.1	60.8	64.1	64.3	75.9	75.0	70.6	65.0	60.3	61.6	62.7	5
6	61.1	63.5	61.3	63.4	67.5	78.7	78.8	70.1	65.3	59.4	63.0	64.0	6
7	61.3	63.3	61.2	63.2	71.2	79.6	87.9	71.5	63.7	59.3	64.6	64.7	7
8	60.7	65.3	61.8	62.9	75.3	80.0	87.0@	70.6	63.3	59.2	66.3	65.7	8
9	61.3	65.9	61.8	62.5	80.6	80.8	90.8@	67.4	63.5	59.4	65.6	67.7	9
10	60.7	66.2	61.2	62.7	82.5	82.5	94.1@	65.5	63.3	60.0	65.3	68.0	10
11	60.9	65.9	62.6	62.1	80.9	82.1	87.6	61.6	62.3	60.9	67.2	68.9	11
12	61.6	65.1	62.4	62.6	82.9	80.8	83.6	62.7	61.6	60.2	67.2	69.6	12
13	65.3	63.7	62.5	62.8	82.7	80.3	76.9	62.0	63.6	60.0	66.9	68.0	13
14	65.1	63.5	62.5	63.5	81.6@	76.8	68.8	62.4	63.4	62.8	69.2	68.8	14
15	65.2	63.2	62.6	63.0	82.8@	75.4	65.7	62.1	64.0	64.5	74.0@	72.2	15
16	67.2	62.8	63.1	62.5	85.9	72.8	64.7	61.4	63.3	65.9	70.9	75.3	16
17	68.2	63.8	64.9	63.2	83.1	69.6	64.7	61.1	63.0	67.9	69.7	72.2	17
18	66.7	66.1@	67.1	64.5	83.4	66.4	64.6	61.7	63.4	67.9	69.6	70.6	18
19	67.9	68.5	66.8	64.5	80.6	65.0	64.5	62.2	63.6	69.9	68.0	69.8	19
20	73.5@	67.5	66.8	65.1	78.0	64.7	64.5	63.5	62.8	71.5	68.1	67.9@	20
21	76.4@	66.8	68.5@	70.1	76.0@	64.3	64.1	63.4	62.6	76.2	66.3	67.6	21
22	76.8	66.0	68.3	80.8	74.4@	64.4	63.9	65.4	62.8	84.9	65.8	66.1	22
23	74.3	64.5	69.6	84.0@	72.0	64.6	64.0	65.6	62.3	83.9@	65.5	64.1	23
24	70.4	63.4	71.6	80.1@	70.5	63.7	63.9	64.9	62.1	83.3	64.7	62.9	24
25	66.5	63.1	70.6	85.7	69.5	63.9	68.0	65.3	61.8	79.6@	63.3	60.6	25
26	63.9	62.7	71.7A	79.5@	67.9	63.0	69.7	65.1	61.6	74.7	62.5	59.7	26
27	62.5	62.0	69.7A	72.5	67.1	63.2	71.3	65.8	60.9	70.6@	62.8	59.6	27
28	62.6	62.7	69.9A	70.3	65.4	63.9	73.1	65.8	61.0	69.0	62.1	59.6	28
29	61.8		69.0A	74.9	65.3	65.1	75.1	65.8	61.5	66.2	62.2	59.4	29
30	61.5		68.2A	72.7	64.3	67.3	75.4	66.5	61.5	63.4	61.9	59.7	30
31	62.9A		68.8A		62.6		74.2	66.7		62.5		59.9	31
MEAN	64.9	64.7	65.3	68.1	73.8	70.6	73.2	65.9	63.2	66.7	65.3	65.2	

ANNUAL MEAN 67.2

DAILY VALUES OF SOLAR FLUX

ON 2700 MHZ AT 20:00 U.T.

OBSERVED

SERIES C

JANUARY 1977 – DECEMBER 1985

PENTICTON
2700 MHZ 20 U.T. OBSERVED SERIES C PENTICTON 2700 MHZ

1977 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	75.0	82.7#	72.7	73.9	----	86.4	96.2#	----A	78.4	93.5	95.6	89.7	1
2	----	82.4	74.8	75.3	74.6	87.2	94.4	76.7	81.8	----	93.2	90.7	2
3	75.8	81.7	74.7	----	77.4	87.7	----	77.6	----	95.2	91.1	----A	3
4	75.6	79.0	76.3	75.0	78.2	88.3	88.1	79.8	----	96.7	90.2	----	4
5	75.0	77.6	77.7#	74.6	76.1	----	84.0	80.0#	----	103.1	91.3	100.2	5
6	72.5	----	----	74.2	74.7	86.8#	84.2	84.0	77.8	103.1	----	103.7#	6
7	72.0	75.9	76.8	74.2	74.1	89.5	80.4	----	86.3	101.8	90.2	108.1	7
8	69.7	78.8#	81.0	71.0	----	88.0#	76.8	80.7	88.1	99.3	89.7	108.4	8
9	----	81.7	79.7#	----A	78.6	87.0	74.0	81.3	95.2#	99.4	91.8	114.5	9
10	69.2	83.2	79.7	----A	77.1	85.2	----	82.1	----	----	93.4	115.0	10
11	71.2	83.6#	77.7	----A	77.2#	82.7	72.6	83.2	----	96.1	92.9	-----	11
12	77.8	87.8#	77.8	77.4	76.3	----	71.5	82.0	104.3#	100.1A	94.5	111.7	12
13	77.2	----	----	82.6#	78.1	79.2	72.1	84.4	109.7	97.4#	----	103.1	13
14	76.0	85.8	76.0	81.2#	81.1	77.0	72.1	----	112.3	97.6	97.2	94.6	14
15	77.5#	85.6	73.7	82.5	----	76.6	71.9	82.1	116.1	96.8	97.7	93.1	15
16	----	87.0	72.7	81.2	80.7	76.7	71.3	83.7	116.7#	----	96.5#	92.8	16
17	78.2	89.6	73.3	----	79.4	77.9	71.7	83.6	119.5#	94.4	101.3	----	17
18	76.1	84.8	72.4	77.4	78.0	80.3	72.8	85.0	----	95.6	103.0	94.7	18
19	76.4	81.9	71.8	77.0	77.4	----	73.4	83.4	102.3#	103.2	99.1	90.2	19
20	76.2	----	----	76.8#	77.2	84.2	74.3	85.6	106.2	97.0	----	88.9	20
21	74.9	77.6	71.2	77.1	----	88.4	76.9	----	100.6	98.0	92.8	89.7	21
22	78.6	75.8	72.9	75.0	----	93.7	79.9	85.6	100.0	92.4	90.3	90.5	22
23	----	75.2	73.3	75.7	----	95.7	80.5	81.9	95.4	----	88.7	91.9	23
24	77.6	72.9	73.3	----	73.8	101.7	----	81.8	97.3	88.8	86.5	95.4	24
25	75.1	73.1	72.3	73.5	72.7	109.4	81.6	83.4	----	86.7	85.1	98.8	25
26	76.3	71.1	74.0	71.9	72.3	----	81.7	83.1	98.3	87.8	----	----	26
27	75.7	----	----	71.6	78.9	109.3#	80.1	81.9	97.1	88.6	----	----	27
28	77.1	72.2	72.3	71.4	75.7	107.7	82.7	----	96.4	91.6	87.0	101.8	28
29	76.9		73.0	72.4	----	104.7	82.2	78.3	96.1	92.8	87.3	110.8	29
30	----		72.5	74.0	86.7	101.2	----	81.1	93.4	----	86.2	117.8	30
31	81.5		72.2		85.8		----	79.6		96.9		122.2#	31
MEAN	75.6	80.3	74.7	75.6	77.3	89.7	78.7	82.0	98.7	95.9	92.5	100.7	

ANNUAL MEAN 85.1

PENTICTON 2700 MHZ — 20 U.T. — OBSERVED — SERIES C — PENTICTON 2700 MHZ

1978 — 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	134.7#	149.9	139.2#	133.4	178.0#	144.0	135.0	102.2	157.8	-----	157.6#	175.2	1
2	-----	160.9	151.5#	-----	179.3	139.9#	-----A	102.6	167.8#	140.9	166.2	175.5	2
3	133.1	158.1	152.0#	137.3	182.7	125.1	-----A	105.8	161.6#	136.7	177.8	-----	3
4	129.5	161.6#	156.4	144.3	176.0#	-----	112.3#	107.8	-----	131.3	188.3	175.1	4
5	125.2	-----A	----	147.9#	170.9	113.3	119.6	112.3	178.0	138.8	-----	175.7	5
6	124.0	164.8	170.9	146.2	173.0	102.4	114.4	119.9	176.0#	136.5	175.8#	173.5	6
7	-----	165.4	168.7	146.2#	-----	106.5	128.6	-----	174.4#	140.9	182.5#	188.5	7
8	-----	162.1	178.6	152.0	136.7#	103.4#	128.9#	125.7	164.3	151.0	169.7	197.3	8
9	100.7	166.3	186.5#	-----	135.1	102.6	-----	124.3	-----	-----	172.5	-----B	9
10	96.0	153.1	185.5	156.9	129.3	106.5	151.2#	122.9	-----	166.9	171.2	-----B	10
11	95.9	160.6#	184.1#	163.5#	136.3	-----	159.9	119.3	140.4	174.1	164.8	213.9#	11
12	95.8	-----	-----	155.8	136.2	113.5	167.1#	122.5	136.1	182.7#	152.1	228.2	12
13	92.5	154.3#	163.1	143.4	138.8	116.1#	160.9	-----	141.0	182.2#	-----	228.7	13
14	----A	151.6	160.9	139.7	-----	124.8	161.2	127.7#	143.5	184.8#	138.3	211.5#	14
15	----A	140.9	154.6	143.7#	143.6	129.7	163.3	126.7#	153.3	-----	141.3#	199.5	15
16	136.3	134.2#	146.0	-----	144.2	136.1	-----	119.2	-----	180.9	132.2	184.4	16
17	139.3	128.7	136.6	133.8#	138.3	149.0	155.1	116.7#	-----	177.3	132.8	-----	17
18	135.0	128.2	133.9	134.8	134.5	-----	150.4#	112.0	165.4	174.4	131.2	165.9	18
19	128.1	-----	-----	141.0	130.3	161.5	142.1	107.5	168.6#	174.3	-----	153.8	19
20	126.2	128.2	124.5	138.3#	130.9	172.3#	138.1	-----	166.3	172.3	139.5	142.7	20
21	122.9	131.2	120.3	140.2	133.0	186.2	134.4#	101.5#	169.9	172.0	130.7	138.8#	21
22	118.2#	134.8	119.2	147.3	-----	188.1#	120.2	102.2	170.7	-----	127.7	139.8	22
23	108.9#	139.3	117.9	-----	140.1	190.2	-----A	100.0	-----	165.5	125.1	141.3	23
24	100.2	140.5	-----	157.9	143.6#	191.6	114.3	102.5	158.6	164.3	127.7#	141.7	24
25	97.1	145.5	-----	159.9#	145.9	-----	109.6	99.8	159.4#	160.0#	130.8	-----	25
26	96.9	-----	-----	165.6	149.3#	182.5	109.4	98.4	152.3	162.0	-----	-----	26
27	97.9	145.2	-----	173.4#	148.5	175.9	106.0	-----	149.3#	155.6#	151.8	156.8	27
28	95.3	140.4	112.4	182.4#	-----	171.9	104.5	102.1	151.5	153.9	167.6	177.4#	28
29	93.8		112.8	-----	144.4#	164.1#	106.1#	113.2	146.1	-----	168.8	179.5	29
30	92.5		115.7	-----	144.2	149.3#	-----	126.1	143.2	151.3	172.8	192.8	30
31	90.6		125.9		145.7		103.2	134.6#		147.8#		-----	31
MEAN	110.1	147.7	146.5	149.4	147.7	144.1	131.8	113.2	158.1	160.7	153.7	177.4	

ANNUAL MEAN 145.0

PENTICTON
2700 MHZ 20 U.T. OBSERVED SERIES C 2700 MHZ PENTICTON

1979 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	-----	199.1	172.9	-----	177.8	181.7	-----	142.3	169.7	208.9#	215.7#	167.5	1
2	223.6#	201.3	172.2	200.0	178.0	200.7	-----	141.8	174.8	204.3#	212.5	-----	2
3	223.1	-----A	182.8	199.8#	165.6	-----A	208.7	141.9	-----	-----	212.4	209.6	3
4	210.2	-----A	-----	185.3	175.3	222.0	-----	137.6	176.3#	197.0	-----	226.7	4
5	209.5	204.5#	187.9#	179.6	172.3	221.2	199.8	139.8	175.0	193.9#	237.9#	228.3#	5
6	205.9	218.4	185.5#	174.7	-----	231.6	202.6#	-----	178.6	190.6	286.4	228.2	6
7	-----	213.5	189.3	170.1	175.5#	235.5	-----B	147.3	187.2	195.5	296.6	223.6#	7
8	212.4	219.6	187.9	-----	179.9	233.9#	-----B	149.1	179.5	-----	312.1#	234.0	8
9	205.3	214.6	189.6	174.7	175.0	238.4	191.4#	152.7	-----	209.2	322.1	-----	9
10	199.2	-----	184.4	175.5	172.7	-----	181.6	151.9	182.7	214.7	352.1	235.9	10
11	190.4	219.1	-----	171.6	171.7	220.1	171.0	150.4#	178.6#	215.6	312.9	236.7	11
12	182.9	207.6	195.4	173.7	183.5	201.8	164.0	-----	179.9	221.7	-----	238.5#	12
13	202.7#	206.8#	192.7	173.7	-----	193.1	155.8	152.5#	183.6#	237.3	274.8	238.8	13
14	-----	212.2#	197.6	171.1	183.4	179.4	150.5	157.6#	190.0#	-----	262.0	240.1	14
15	206.0#	219.1	192.1	-----	179.1	166.9	-----	167.5	195.4	231.8	241.1#	232.8	15
16	201.3#	221.7	191.7	-----	174.5	161.6	137.9	158.1	-----	233.5	233.9	-----	16
17	182.9	-----	182.4	169.4	185.4	-----A	135.5#	162.9#	204.2#	233.3	241.3	203.0	17
18	187.7	257.9	-----	161.8	169.7	149.8	134.6	175.5#	218.0#	233.7	-----	193.0	18
19	204.1	267.7	181.0#	160.4	-----	143.0	135.9	-----	228.8	236.7#	220.5#	188.1#	19
20	208.4	240.7#	186.1	159.1	-----	148.1	143.5	198.0#	220.8#	232.9	210.1	-----A	20
21	-----	233.4	185.0	-----	-----	144.9	140.9	201.8	216.8	-----B	187.7	176.3#	21
22	234.7	226.1	187.9#	-----	155.0#	138.5	-----	217.8#	214.0	219.1	185.5	178.3	22
23	233.7	202.8	194.3#	160.6	153.2	136.9	156.3	214.9#	-----	214.4	184.0	-----	23
24	220.7	190.5	196.2	163.7	153.6	-----	162.8	225.2	228.3#	226.3#	176.2	167.7#	24
25	213.6	-----	-----	169.8	148.1	144.9	158.7#	223.8#	229.4#	208.9#	-----	165.2	25
26	205.4	172.4#	198.0	181.2	147.4	148.7	159.8	219.2#	225.3#	213.0	162.7	-----	26
27	-----	169.1	196.7	196.8#	-----	155.8	157.0	211.4#	218.8	211.1	154.8	158.3#	27
28	-----	169.0	190.6#	194.3#	146.7	156.5#	154.8	207.0#	221.1	-----	155.0	164.6	28
29	217.6		197.4	-----	146.5	162.4	-----	196.4	220.9	217.7	157.4	176.2	29
30	212.1		194.8	186.1	156.3	-----	153.3	185.6	-----	216.5#	154.8	-----	30
31	209.2		201.8		168.3		145.5#	183.2		215.5		193.2	31
MEAN	208.1	212.5	189.4	176.2	167.8	180.7	161.0	175.5	199.9	216.7	229.3	204.4	

ANNUAL MEAN 193.5

SOLAR RADIO FLUX

PENTICTON
2700 MHZ 20 U.T. OBSERVED SERIES C PENTICTON 2700 MHZ

1980 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	196.7	217.5	-----	182.2	213.1@	-----	154.8	126.1	-----	170.1	233.6	226.6@	1
2	205.7	218.4	-----	180.7	214.1	178.3	148.3	124.6	218.0	165.6	-----A	220.1@	2
3	219.3	-----	175.2@	175.5	216.2@	172.8	140.4	129.4	222.5@	170.2	247.9	213.5	3
4	219.1	235.6	175.9@	183.8	-----	173.7	142.0	-----	217.3	176.5	257.7	207.3	4
5	-----A	221.3	176.7	213.9	214.8@	168.2	149.0	128.1	207.5@	-----	275.2	196.9	5
6	-----A	228.0@	170.4	-----	202.4	165.4	-----	136.9@	-----	189.0	277.9@	177.2	6
7	238.1@	225.0	167.4	-----	199.3	160.2	145.9	137.8	-----	200.8@	277.1	-----	7
8	240.3	219.0	-----	239.7@	195.1	-----	149.0	140.6	193.9@	215.6	271.2	174.4	8
9	248.4	214.6	-----	244.7	189.9	166.9	151.0	154.7	187.2@	222.9	-----	180.1	9
10	258.6@	-----	153.4	246.5	187.2	174.3	153.6@	-----	182.0	239.6	265.1	192.9	10
11	258.0	213.7	151.1	248.8@	-----	177.9	171.2	177.8	183.4	234.9	-----	222.4	11
12	-----	214.6@	142.6	238.4@	183.4	181.0@	173.0	184.4	173.2	250.1	236.7@	247.7@	12
13	222.2@	221.9	143.0	-----	186.4	180.5	-----	185.9	173.7	-----	-----	250.0	13
14	213.7	204.4@	143.0	218.3	196.1@	184.0@	198.6	185.5	-----	242.7	219.9	-----	14
15	201.4	204.6@	141.4	199.8@	195.8	-----	210.1	184.3	151.7	231.8	-----A	270.4	15
16	195.0@	-----	-----	189.5	196.5@	185.9	230.5	189.5	157.3	214.2@	-----	269.1	16
17	194.8	-----	143.4	189.0	-----	190.3	244.0	-----	152.5@	203.4	182.1@	265.8@	17
18	179.9	181.8	148.0	199.3	-----	200.3	236.5	202.7@	151.3@	-----	178.0	262.8@	18
19	167.4	181.9	163.9	-----	-----	209.4	245.3@	194.1	156.7@	-----	174.9	248.0	19
20	-----	180.6@	162.2@	-----	238.1	219.0@	-----	187.4@	-----	201.9	166.1@	246.1	20
21	159.0	170.1	162.6	203.0	247.0	221.7@	239.7@	185.1@	-----	205.5	164.6	-----	21
22	160.7@	170.9	166.7	193.7	268.6@	-----	232.8	168.2@	176.1	208.5	173.7	242.4	22
23	168.8@	-----	-----	180.8	277.9	243.7@	221.1	167.3	186.2@	196.2	-----	234.0	23
24	173.8@	-----	175.1	182.7	274.5	233.0	210.9	-----	188.6@	192.6@	177.1@	233.8	24
25	175.0	168.6@	185.2	182.9	-----	231.8	198.4@	145.6	179.8	-----A	182.1	227.7@	25
26	181.3	173.6@	192.0	182.9@	277.6	214.9	189.9	148.3	180.8	-----A	193.3	223.9	26
27	-----A	176.9	198.2@	-----	268.4	205.6@	-----	156.8	185.3	180.9	191.3	-----	27
28	201.4	177.8	200.5	198.6	265.4	190.0	166.0	162.1	-----	182.4	198.8	-----	28
29	206.4	184.3	-----A	202.9	235.1	-----	145.3	172.1	178.5	188.2	213.8	218.2	29
30	203.9@		-----A	195.2@	212.4	172.8@	137.4	188.6	177.4@	204.2	-----	218.6	30
31	218.1		190.8		197.4		132.1	193.6		216.4		205.4	31
MEAN	204.1	200.2	166.5	203.0	222.1	192.1	182.1	165.1	181.8	204.2	216.3	226.0	

ANNUAL MEAN 197.0

PENTICTON
2700 MHZ 20 U.T. OBSERVED SERIES C PENTICTON 2700 MHZ

1981 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	196.3	-----	-----	210.1@	188.2@	144.4	-----	-----	233.5	210.2	-----	237.3	1
2	191.8	213.8@	237.7@	210.9@	-----A	137.7	161.5	-----	235.1	206.5	247.6	238.6	2
3	180.6	212.6@	244.3@	221.3	-----A	129.0@	155.2@	-----	219.6	-----	262.8	244.9	3
4	-----	206.5	248.5	220.0	217.6	130.8@	-----	176.0	226.8	-----	265.9	246.9	4
5	165.3	200.7	230.4	-----	225.4	131.0	-----	169.3	-----	193.5@	253.5	-----	5
6	161.1	194.9	216.6@	233.2@	223.1	-----	141.5	167.7	-----	200.9@	253.0	-----	6
7	175.4@	193.1@	203.8	239.8	227.2@	-----	142.3	-----	-----	205.7@	-----	283.4	7
8	173.1	-----A	-----	267.3@	217.3	141.5	144.2	-----	254.6@	201.3	-----	298.3@	8
9	170.1	184.3	204.1@	281.6@	-----	146.9	144.2	-----	247.3@	201.9	231.3	-----	9
10	168.1	192.8@	205.2	261.1@	-----	150.2	147.7	175.9@	236.6	-----	240.2	289.3	10
11	-----	190.1@	203.5	-----A	220.5	149.8@	-----	195.2	229.3	-----	-----	269.7@	11
12	164.8	197.4	197.1@	-----	217.3	149.0	-----	202.3	-----	-----	235.3	-----	12
13	165.0	199.5@	201.0@	250.5@	213.6@	-----	170.6@	202.8	-----	261.4	223.2	-----	13
14	162.7	-----A	210.8	255.3	225.1@	-----	177.2	200.7	220.4	271.9@	-----	197.7	14
15	158.2@	-----A	-----A	250.6@	212.3@	160.1	187.4	-----	224.8@	281.3	-----	179.5	15
16	157.4	189.0	194.5	239.4@	-----	165.2	194.8@	-----	219.5@	298.1	184.1	160.7	16
17	-----	191.5@	186.1@	238.2	-----	165.5	190.7	223.1	213.1	-----	176.2	151.7	17
18	-----	191.4	180.8@	-----	-----	160.9	-----	234.0	207.5	-----	163.2	140.4	18
19	168.5	186.3	172.8	-----	181.3	155.8	-----	248.1	-----	278.0	163.6	-----	19
20	167.0	193.6	183.9	-----A	174.6	-----	220.9	257.0	-----	258.0@	159.8	-----	20
21	160.4	-----	194.2@	191.0@	170.7	-----	220.0@	254.5	190.3	237.8	-----	145.2	21
22	160.8	-----	-----	187.4@	162.3	158.8	229.0	-----	183.4	219.0	-----	151.1	22
23	161.4	219.5	188.1@	202.6	-----	164.5	241.4@	-----	181.5	209.2	154.1	156.2	23
24	-----	230.6@	191.6	-----	-----	164.6	246.9	249.6@	182.3	-----	153.9	164.2	24
25	-----	232.2	200.5	195.5@	167.3	173.5	-----	251.1	182.1	-----	165.9	-----	25
26	178.6	238.0@	197.5@	-----	169.0	186.1	-----	262.9@	-----	176.7	185.3@	-----	26
27	188.7	235.5@	197.1	185.6	170.3	-----	241.9@	272.0@	-----	171.2	194.9	-----	27
28	206.1@	226.0@	202.0@	172.0@	173.9	-----	208.3	263.7	201.6	186.1	-----	-----	28
29	209.5		-----	171.2@	163.2	173.7	198.9	-----	200.4	196.8	-----	192.1	29
30	216.0		207.6	173.1	-----	170.3@	184.0	-----	206.4	205.0	237.0	192.5	30
31	216.9		213.0		-----		185.2	246.9@		-----		195.1	31
MEAN	177.0	205.4	204.3	220.8	196.0	155.0	187.9	223.8	214.1	222.4	207.5	206.7	

ANNUAL MEAN 201.7

PENTICTON
2700 MHZ 20 U.T. OBSERVED SERIES C 2700 MHZ PENTICTON

1982 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	-----	294.5#	238.5	170.5#	-----	131.2	-----	-----	172.8	201.9	159.2	170.3	1
2	-----	287.6#	236.6#	173.0	-----	132.6	103.0	-----	165.4	-----	155.4#	176.3	2
3	-----	281.6	236.8	-----	145.8#	145.2	-----	143.1	166.9#	-----	147.7	187.8	3
4	179.9	263.3	242.9	-----	142.0	151.8#	-----	164.1#	-----	178.5#	145.5	-----	4
5	175.6	251.9	249.0#	160.2#	145.3	-----A	109.1	173.6	-----	162.7#	138.4	-----	5
6	176.4	-----	-----	163.6	150.6	-----A	115.7	193.3	-----	146.3	-----	212.9	6
7	177.0	-----	-----	164.9	148.2	152.1	125.5	-----	174.2#	137.5	-----	240.3	7
8	165.7	250.0	212.2#	161.3#	-----	159.1	147.4	-----	174.0	137.2	145.6#	249.8#	8
9	-----	232.3	194.6	-----	-----	172.8#	169.8	200.7#	175.0	-----	148.8	265.1	9
10	-----	218.8#	182.1	-----	130.5#	-----	-----	201.4	159.2	-----	156.0#	280.9#	10
11	144.6	215.2#	183.1	-----	129.7	222.2#	-----	195.7	-----	-----	-----	-----	11
12	139.7	210.5#	182.6#	-----	129.0	-----	233.3#	187.9	-----	136.6	169.9#	-----	12
13	136.4	-----	-----	166.7#	126.6	-----	243.2	176.4	150.9	140.3	-----	245.8	13
14	138.5	-----	-----	156.1	127.4	231.7#	257.2#	-----	146.0	142.3#	-----	241.7	14
15	143.4	183.1	211.8	152.5	-----	217.5	262.7#	-----	145.5	134.0	156.1	227.1	15
16	-----	170.9#	227.3	146.4	-----	199.0	262.4#	151.9	144.9	-----	164.3	222.1#	16
17	-----	169.1	227.2	-----	138.2#	195.8#	-----	157.2	145.6#	-----	162.5	-----	17
18	175.0#	170.7	223.6#	-----	143.5	192.2	-----	158.7	-----	133.4	174.2#	-----	18
19	177.3	177.5	218.6	142.2#	152.4#	-----	229.3	150.6	-----	135.8	186.2	-----	19
20	173.0	-----	-----	141.4	150.8	-----	189.3	138.7	147.4	147.1	-----	161.1	20
21	172.5	-----	-----A	142.6	152.6	197.9	170.5	-----	143.8	159.1	-----	154.1	21
22	158.8	169.4	211.0	155.7#	-----	186.6	139.4#	-----	144.3	170.1	227.7#	154.2	22
23	-----	184.6	197.3	170.5#	-----	180.7#	122.6	135.9	151.4	-----	195.2	160.1	23
24	-----	191.6	188.9	-----	-----	-----	-----	136.6	164.4	-----	178.5#	-----	24
25	175.2	194.0	188.3	-----	139.5	153.0	-----	155.1	-----	199.5	169.4	-----	25
26	189.5	211.3	195.8	173.6	154.7#	-----	96.7	159.1	-----	192.7#	172.0	-----	26
27	206.9	-----	-----	165.8	168.5#	-----	93.8	171.0	193.0	188.0	-----	-----	27
28	249.6#	-----	-----A	158.5	166.8	116.6	93.1	-----	196.0	182.3	-----	-----	28
29	285.5		199.8	155.3	-----	107.8	94.3	-----	200.8#	173.4#	169.4	152.5	29
30	-----		194.7	146.6#	-----	104.6	105.8	166.7	202.0	-----	168.8	149.1#	30
31	-----		182.5		130.6		-----	168.9#		-----		139.2	31
MEAN	177.0	216.4	209.8	158.4	143.6	167.5	160.2	166.0	164.9	159.9	166.2	199.5	

ANNUAL MEAN 174.1

PENTICTON
2700 MHZ

20 U.T.

OBSERVED

SERIES C

PENTICTON
2700 MHZ

1983

1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	-----	168.2@	145.9	-----	-----	128.6	-----	-----	104.8@	-----A	97.4	91.3	1
2	-----	159.5	140.6	-----	147.6	133.3@	-----	138.8@	105.1	-----	98.0	90.3	2
3	-----	156.6	143.6	-----	135.4	131.7@	-----	133.3@	-----	120.8	100.7	----	3
4	146.5	163.1	146.8@	-----	132.3	-----	131.3@	131.0@	-----	123.8	104.6	----	4
5	160.9	-----	-----	100.0	133.5	-----	131.8	130.7	-----	125.6	-----	93.6	5
6	164.6	-----	-----	99.2	123.1	180.3@	124.2	-----	115.5	132.0	-----	100.7@	6
7	166.5	145.5	132.8	101.5	-----	173.7@	127.4	-----	114.2	132.9	108.2	103.3	7
8	-----	133.8	129.9@	103.8	-----	164.2@	118.8	-----	113.6	-----	104.8@	103.9	8
9	-----	125.2	123.3	-----	130.7	153.0@	-----	138.1	111.8	-----	101.2	112.1	9
10	150.2	115.2	117.4	-----	141.7@	141.3	-----	143.6	-----	-----	102.7	-----A	10
11	143.0	107.7	103.9	103.4	156.4@	-----	118.8@	149.9	-----	139.3@	-----	-----A	11
12	143.2@	-----	-----	108.0	157.2	-----	118.2@	149.7@	103.3@	132.9	-----	104.3@	12
13	143.5@	-----	-----	106.7	151.4	124.1	118.0@	-----	102.6	133.4	-----	104.0	13
14	143.2	91.8	96.1@	108.3	-----	122.5@	117.4	-----	102.6	132.9@	90.6	96.7	14
15	-----	89.5	101.4@	102.9	-----	125.1	118.0	129.6	103.8	-----	91.0	95.5	15
16	-----	91.5	107.5	-----	129.1@	124.4	-----	127.9	103.5	-----	91.8	93.3	16
17	142.9	93.1	117.2	-----	127.2	124.7@	-----	122.7@	-----	111.2	86.9	----	17
18	139.6	99.1	117.7@	123.3	134.1@	-----	112.4	118.6	-----	104.0	85.5	----	18
19	132.6	-----	-----	124.4	142.1	-----	112.6@	114.0	98.6	103.7@	----	88.9	19
20	124.9	-----	-----	126.4@	149.0	132.3	119.6	-----	98.5	97.2	----	85.7	20
21	118.5	102.9	119.6	132.4	-----	141.4	123.8@	-----	100.9	90.4	80.4	84.6	21
22	-----	-----	120.6	139.3	-----	143.9	132.8@	107.7	106.3@	----	80.1	84.6	22
23	-----	112.5	116.6@	-----	-----	144.2	-----	105.9	110.0@	----	78.0	84.9	23
24	116.9	116.3@	118.6	-----	136.6	136.7	-----	104.9	-----	88.4	79.3	----	24
25	128.3	123.8	114.4@	148.7	136.2	-----C	130.8	101.4	-----A	89.7	79.4	----	25
26	136.8	-----	-----	144.3	128.2	-----C	123.2@	100.9	114.5	90.1	----	----	26
27	137.6@	-----	-----	146.0	128.8	130.3@	119.8	-----	116.9	89.4	----A	----	27
28	145.5	144.7	102.5	152.5@	-----	125.8	123.6@	-----	116.2	89.1	88.3	81.9	28
29	-----		98.6	145.9	-----	126.2	133.4	100.9	113.1	----	89.8	84.1	29
30	-----		100.5	-----	131.9	120.6@	-----	100.1	111.0	----	90.6	84.7	30
31	144.6@		97.5		132.6@		-----	101.3		102.6		----	31
MEAN	142.5	123.2	118.0	121.9	137.4	137.6	122.8	121.5	107.9	111.5	91.9	93.4	

ANNUAL MEAN 119.1

PENTICTON
2700 MHZ 20 U.T. OBSERVED SERIES C 2700 MHZ PENTICTON

1984 1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	----	-----	146.8	-----	148.6	110.1	-----	79.8	----	71.4	68.7	----	1
2	----	141.2	135.1	133.9	134.4@	-----	-----	82.8	----	73.0	69.8	----	2
3	90.7	134.9	-----	125.8	121.9	-----	100.3	83.2	----	74.3	----	77.7	3
4	93.2	-----	-----	126.7	108.7@	102.8	100.4	----	88.8	73.5	----	76.0	4
5	90.4	-----	110.3	119.6	-----	100.7	99.9	----	85.9	72.9	70.3	73.2	5
6	88.8	115.5@	109.3	110.2	-----	94.1	96.6@	----	82.8	----	70.5	73.0	6
7	----	116.1@	106.5	-----	112.5	93.5@	----	87.9	81.7	----	69.6	74.0	7
8	----	130.1	104.4	-----	119.8	89.1	----	89.9	----	----	70.4	----	8
9	97.5	139.3	103.0	92.6	135.2	----	100.2	91.4	----	72.4	72.3	----	9
10	97.6	139.6	-----	91.5	138.5	----	96.9	90.6	76.6	72.5	----	75.5	10
11	98.6@	-----	-----	95.5@	139.5@	89.0	92.7	----	75.2	72.8	----	80.0	11
12	105.0@	-----	102.8@	103.9	-----	89.0@	91.1	----	73.7	73.5	----	80.0	12
13	105.1	126.7	115.7	110.0	-----	95.3	88.2	83.9	73.2	----	71.8	77.7	13
14	-----	120.1@	-----	-----	139.0	108.1@	----	81.3	71.0	----	71.5	77.2	14
15	-----	115.0	130.4@	-----	133.9	110.6	----	78.9	----	75.0	72.2	----	15
16	98.6@	115.6	132.9	115.2	131.0	-----	83.9	78.6	----A	74.8	70.5	----	16
17	96.3@	115.7	-----	118.6	126.9	-----	82.9	76.7	71.9	75.0	----A	74.7	17
18	96.0	-----	-----	118.8	125.8	105.9	80.4	----	71.4	75.3	----	72.8	18
19	96.4	-----	127.6@	109.9	-----	101.8	79.6	----	72.2	73.4	73.0	73.6	19
20	106.5	136.1@	124.3@	-----	-----	102.2@	79.7	72.8	71.6	----	75.6	72.5	20
21	-----	144.7@	126.5	-----	-----	98.3@	----	72.8	72.7	----	77.6	72.9	21
22	-----	156.5	123.4	-----	126.2	98.7	----	72.5	----	72.2	78.1	----	22
23	117.1	166.8@	115.4@	-----	124.8	----	82.9	73.0	----	71.7	78.9	----	23
24	132.2	177.1@	-----	141.8	118.5	----	83.4	78.0	73.4	70.7	----	73.3	24
25	149.8@	-----	-----	156.6	121.9	99.4	81.9	----	73.2	69.2	----	----	25
26	166.8	-----	122.0	169.2	-----	95.5	78.9	----	73.1	68.4	80.9@	----	26
27	174.8	155.3	129.3	177.4@	-----	97.4	78.5	86.9@	72.4	----	83.6@	73.5	27
28	-----	150.5	133.4@	-----	116.2	94.2	----	84.6	71.7	----	79.7	73.4	28
29	-----	150.3@	137.9	-----	117.5@	96.0	----	86.8	----	67.8	77.1	----	29
30	160.9		141.0@	164.4	116.1	----	76.8	88.7	----	68.5	77.4	----	30
31	168.4		-----		111.7		78.8	89.1		69.3		72.3	31
MEAN	115.7	137.4	122.8	125.3	125.8	98.7	87.3	82.3	75.4	72.2	74.3	74.9	

ANNUAL MEAN 99.3

PENTICTON
2700 MHZ 20 U.T. OBSERVED SERIES C 2700 MHZ PENTICTON

1985 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	----	73.3	68.3	71.4	----	----	----	76.2	----A	66.5	68.3	----	1
2	69.4	----	----	70.5	73.9	----	74.5	75.9	----A	66.7	----	68.7	2
3	68.9	----	----	71.1	69.7	70.6	76.2	----	70.7	67.1	----	69.3	3
4	68.7	72.2	68.0	70.1	----	73.5	76.9	----	70.3	66.6	66.7	69.1	4
5	----	72.8	67.3	----	----	79.7	79.7	----	68.4	----	68.0	69.8	5
6	----	71.4	66.7	----	72.5	82.3	----	73.9	70.5	----	69.7	70.6	6
7	69.6	71.5#	67.4	----	77.0	85.1	----	75.9	----	64.5	72.1	----	7
8	68.6	73.4	68.0	----	82.4	----	91.3	73.8	----	63.6	74.0	----	8
9	69.2	----	----B	68.0	85.2#	----	95.0	71.3	68.3	64.1	----	75.6	9
10	68.5	----	----B	68.2	89.0	87.5	98.5	----A	67.6	64.9	----	75.9	10
11	69.2	74.3	69.2	67.5	----	86.1	92.7	----A	66.2	66.0	----	77.4	11
12	----	72.8	69.2	67.6	----	84.9	86.0#	66.2	65.7	----	75.1	76.7	12
13	----	71.8	69.3	----	87.8	84.8	----	65.5	68.9	----	75.0	75.6	13
14	75.6	71.9	68.6	----	86.6	81.1	----	65.1	----	----	76.9	----	14
15	73.8#	71.4	69.5	68.3	89.0	----	68.7	65.7	----	70.0	81.3	----	15
16	76.3#	----	----	67.1	90.7	----	68.4	65.4	67.8	72.8	----	84.4	16
17	77.2	----	----	68.9	89.3	72.8	67.9	----	66.8	74.9	----	81.1#	17
18	74.8	73.5	73.5#	70.2	----	69.6	67.1	----	67.5	74.6	78.2	79.9	18
19	----	76.4	73.3	69.8	----	68.7	67.2	65.5	68.1	----	76.6	78.8	19
20	----	75.8	74.0	----	----	68.0	----	67.1	67.1	----	75.2	76.2	20
21	87.5#	73.3	74.3#	----	81.5	67.0	----	66.6	----	85.0	74.4	----	21
22	86.4	72.7	74.3	86.8	78.9	----	67.3	69.0	----	93.8	73.2	----	22
23	82.3#	----	----	90.6#	76.3	----	66.7	69.3	67.2	91.4#	----	71.1	23
24	78.5	----	----	86.7#	74.1	67.1	67.3	----	66.6	91.7	----	70.9	24
25	74.3	69.8	76.5	90.9#	----	66.8	71.6	----	67.1	87.2	69.7	----	25
26	----	69.1	77.4	85.7	----	65.6	73.0	69.3	67.7	----	69.3	----	26
27	----	69.9	75.6	----	71.1	66.1	----	70.1	65.6	----	69.5	67.2	27
28	70.4	69.9	74.8	----	69.4	67.0	----	69.9	----	75.9	69.0	----	28
29	69.8		74.8	79.8	68.5	----	79.5	69.6	----	72.4	68.7	----	29
30	69.4		----	78.1	67.4	----	79.4	71.1	66.4	70.5	----	67.2	30
31	70.6		----		65.7		77.7	----		68.9		67.2	31
MEAN	73.6	72.4	71.4	74.9	78.4	74.7	76.9	69.6	67.7	73.6	72.5	73.6	

ANNUAL MEAN 73.3

DAILY VALUES OF SOLAR FLUX

ON 2700 MHZ AT 20:00 U.T.

ADJUSTED TO 1 A.U.

SERIES C

JANUARY 1977 – DECEMBER 1985

PENTICTON
2700 MHZ 20 U.T. ADJUSTED TO 1 A.U. SERIES C PENTICTON 2700 MHZ

1977 1977

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	72.5	80.3#	71.4	73.8	----	88.9	99.5#	----A	79.8	93.7	94.2	87.2	1
2	----	80.0	73.5	75.2	75.8	89.7	97.6	79.0	83.3	----	91.7	88.2	2
3	73.3	79.3	73.4	----	78.7	90.2	----	79.9	----	95.3	89.6	----A	3
4	73.1	76.8	75.1	75.1	79.5	90.9	91.1	82.1	----	96.7	88.7	----	4
5	72.5	75.4	76.5#	74.7	77.5	----	86.9	82.3#	----	103.1	89.7	97.3	5
6	70.1	----	----	74.3	76.0	89.4#	87.1	86.4	79.0	103.0	----	100.7#	6
7	69.6	73.9	75.6	74.3	75.5	92.2	83.1	----	87.6	101.7	88.6	104.9	7
8	67.4	76.7#	79.9	71.2	----	90.6#	79.4	83.0	89.4	99.1	88.0	105.1	8
9	----	79.5	78.6#	----A	80.1	89.7	76.5	83.6	96.5#	99.1	90.1	111.1	9
10	66.9	81.0	78.7	----A	78.6	87.8	----	84.3	----	----	91.5	111.5	10
11	68.9	81.4#	76.7	----A	78.7#	85.3	75.1	85.4	----	95.7	91.0	----	11
12	75.2	85.5#	76.9	77.8	77.9	----	73.9	84.2	105.7#	99.7A	92.5	108.2	12
13	74.7	----	----	81.7R	79.7	81.7	74.5	86.6	111.1	96.9#	----	99.9	13
14	73.5	83.7	75.2	81.7#	82.9	79.5	74.5	----	113.8	97.1	95.2	91.7	14
15	74.9#	83.5	72.9	83.1	----	79.1	74.3	84.2	117.4	96.2	95.6	90.2	15
16	----	84.9	72.0	81.8	82.6	79.2	73.7	85.8	118.0#	----	94.4#	89.8	16
17	75.7	87.4	72.6	----	81.2	80.4	74.1	85.7	120.7#	93.7	99.0	----	17
18	73.7	82.8	71.7	78.1	79.9	82.9	75.2	87.1	----	94.8	100.6	91.7	18
19	74.0	80.0	71.2	77.7	79.3	----	75.8	85.4	103.2#	102.4	96.7	87.3	19
20	73.8	----	----	77.6#	79.1	87.0	76.8	87.7	107.0	96.1	----	86.1	20
21	72.5	75.9	70.7	77.9	----	91.3	79.4	----	101.4	97.1	90.6	86.8	21
22	76.2	74.1	72.4	75.8	----	96.8	82.5	87.6	100.7	91.5	88.0	87.6	22
23	----	73.6	72.9	76.5	----	98.9	83.1	83.7	96.1	----	86.5	88.9	23
24	75.2	71.4	72.9	----	75.7	105.1	----	83.6	97.9	87.8	84.3	92.3	24
25	72.8	71.6	71.9	74.4	74.6	113.0	84.2	85.2	----	85.7	82.9	95.5	25
26	73.9	69.7	73.7	72.8	74.3	----	84.3	84.8	98.8	86.7	----	----	26
27	73.4	----	----	72.6	74.9R	113.0#	82.6	83.6	97.5	87.4	----	----	27
28	74.8	70.8	72.1	72.4	77.7	111.4	85.3	----	96.8	90.4	84.7	98.4	28
29	74.6		72.8	73.5	----	108.3	84.7	79.9	96.4	91.5	84.9	107.1	29
30	----		72.4	75.1	89.1	104.6	----	82.6	93.7	----	83.8	113.9	30
31	79.1		72.1		88.2		----	81.1		95.4		118.2#	31
MEAN	73.2	78.3	73.9	76.2	79.1	92.6	81.4	84.0	99.6	95.3	90.5	97.6	

ANNUAL MEAN 85.1

PENTICTON
2700 MHZ 20 U.T. ADJUSTED TO 1 A.U. SERIES C PENTICTON 2700 MHZ

1978 1978

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	130.3@	145.6	136.7@	133.3	180.8@	148.2	139.6	105.3	160.6	----	155.2@	170.3	1
2	----	156.2	148.9@	----	182.2	144.0@	----A	105.7	170.8@	141.0	163.5	170.6	2
3	128.7	153.5	149.4@	137.3	185.8	128.7	----A	109.0	164.3@	136.8	175.0	----	3
4	125.2	157.1@	153.9	144.4	179.0@	----	116.1@	110.9	----	131.3	185.1	170.0	4
5	121.1	----A	----	148.0@	174.0	116.7	123.7	115.6	180.8	138.8	----	170.6	5
6	119.9	160.2	168.3	146.5	176.1	105.5	118.3	123.4	178.8@	136.4	172.6@	168.5	6
7	----	160.9	166.2	146.5@	----	109.7	133.0	----	177.0@	140.8	179.2@	182.8	7
8	----	157.7	176.1	152.5	139.3@	106.5@	133.3@	129.2	166.8	150.7	166.5	191.4	8
9	97.4	161.8	183.9@	----	137.7	105.8	----	127.8	----	----	169.2	----B	9
10	92.8	149.1	183.1	157.5	131.9	109.8	156.3@	126.2	----	166.4	167.8	----B	10
11	92.7	156.4@	181.7@	164.3@	139.0	----	165.3	122.5	142.2	173.4	161.5	207.3@	11
12	92.6	----	----	156.6	139.1	117.0	172.6@	125.8	137.9	182.0@	148.9	221.1	12
13	89.4	150.4@	161.1	144.3	141.7	119.8@	166.2	----	142.8	181.3@	----	221.6	13
14	----A	147.8	159.1	140.5	----	128.8	166.5	131.0@	145.4	183.9@	135.4	204.9@	14
15	----A	137.4	152.9	144.7@	146.8	133.9	168.7	130.0@	155.0	----	138.2@	193.3	15
16	86.8	131.0@	144.5	----	147.5	140.5	----	122.2	----	179.6	129.3	178.5	16
17	83.6	125.6	135.2	134.9@	141.5	153.8	160.2	119.6@	----	176.1	129.7	----	17
18	83.6	125.3	132.7	136.0	137.7	----	155.4@	114.8	166.9	173.0	128.2	160.6	18
19	84.9	----	----	142.3	133.4	166.8	146.8	110.1	170.1@	172.9	----	148.9	19
20	88.0	125.4	123.5	139.7@	134.0	178.0@	142.7	----	167.6	170.7	136.2	138.1	20
21	92.3	128.3	119.5	141.6	136.3	192.3	138.7@	103.8@	171.3	170.5	127.6	134.4@	21
22	----	131.8	118.4	148.9	----	194.3@	124.0	104.6	171.9	----	124.5	135.3	22
23	100.5	136.4	117.2	----	143.7	196.5	----A	102.2	----	163.8	122.0	136.6	23
24	99.9@	137.5	----	159.8	147.3@	197.9	118.0	104.8	159.6	162.5	124.4@	137.0	24
25	101.9	142.6	----	161.8@	149.7	----	113.1	102.0	160.2@	158.1@	127.4	----	25
26	113.8	----	----	167.8	153.3@	188.7	112.9	100.5	153.1	160.1	----	----	26
27	121.1	142.4	----	175.8@	152.5	181.9	109.3	----	149.9@	153.6@	147.7	151.6	27
28	----	137.7	112.1	185.0@	----	177.7	107.7	104.1	152.1	151.9	163.1	171.5@	28
29	133.2		112.5	----	148.4@	169.7@	109.4@	115.5	146.5	----	164.2	173.6	29
30	138.8		115.5	----	148.2	154.4@	----	128.5	143.6	149.2	168.0	186.4	30
31	138.7		125.6		149.8		106.3	137.2@		145.6@		----	31
MEAN	106.5	144.1	144.9	150.4	151.0	148.7	136.2	116.0	159.8	159.6	150.4	171.9	

ANNUAL MEAN 145.0

PENTICTON
2700 MHZ 20 U.T. ADJUSTED TO 1 A.U. SERIES C PENTICTON 2700 MHZ

1979 1979

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	----	193.3	169.8	----	180.6	187.0	----	146.6	172.8	209.3#	212.5#	162.8	1
2	216.2#	195.5	169.3	199.8	180.8	206.5	----	146.1	177.9	204.5#	209.1	----	2
3	215.7	----A	179.7	199.8#	168.4	----A	215.8	146.2	----	----	209.0	203.5	3
4	203.3	----A	----	185.5	178.3	228.4	----	141.6	179.3#	197.0	----	220.1	4
5	202.6	198.8#	184.9#	179.8	175.4	227.8	206.6	143.9	177.8	193.9#	233.9#	221.7#	5
6	199.1	212.3	182.7#	175.0	----	238.5	209.5#	----	181.5	190.4	281.2	221.6	6
7	----	207.7	186.5	170.4	178.8#	242.6	----B	151.4	190.0	195.3	291.3	216.9#	7
8	205.4	213.7	185.3	----	183.3	240.9#	----B	153.3	182.2	----	306.2#	227.0	8
9	198.5	208.8	186.9	175.2	178.3	245.8	197.9#	157.0	----	208.6	316.0	----	9
10	192.6	----	182.0	176.2	176.2	----	187.8	156.0	185.3	214.1	345.1	228.8	10
11	184.1	213.4	----	172.5	175.1	226.9	176.8	154.5#	180.9#	214.7	306.6	229.4	11
12	176.9	202.2	193.1	174.6	187.4	208.1	169.4	----	182.2	220.8	----	231.1#	12
13	196.0#	201.6#	190.4	174.7	----	199.3	160.9	156.5#	186.0#	236.1	269.0	231.4	13
14	----	206.9#	195.4	172.1	187.4	185.1	155.5	161.7#	192.5#	----	256.5	232.7	14
15	199.2#	213.6	190.0	----	183.0	172.2	----	171.9	197.5	230.4	235.8#	225.6	15
16	194.3#	216.4	189.8	----	178.5	166.8	142.5	162.1	----	231.9	228.8	----	16
17	177.0	----	180.6	170.8	189.7	----A	140.0#	167.0#	206.2#	231.7	235.8	196.5	17
18	181.7	252.0	----	163.3	173.8	154.7	139.0	179.9#	220.0#	231.8	----	186.8	18
19	197.6	261.5	179.6#	161.8	----	147.7	140.4	----	230.9	234.8#	215.2#	182.1#	19
20	201.7	235.4#	184.6	160.7	----	153.0	148.2	202.8#	222.6#	230.8	205.1	----A	20
21	----	228.3	183.7	----	----	149.7	145.4	206.4	218.5	----B	183.2	170.7#	21
22	227.4	221.1	186.6#	----	158.9#	143.1	----	222.8#	215.5	216.9	180.9	172.6	22
23	226.5	198.5	193.1#	162.4	157.2	141.4	161.3	219.6#	----	212.3	179.4	----	23
24	213.3	186.5	195.0	165.7	157.6	----	168.0	230.2	229.7#	223.8#	171.6	162.2#	24
25	207.0	----	----	171.8	152.0	149.7	163.8#	228.7#	230.5#	206.4#	----	159.7	25
26	199.0	169.0#	197.2	183.6	151.4	153.8	164.9	223.8#	226.4#	210.4	158.5	----	26
27	----	165.9	195.9	199.6#	----	161.1	161.9	215.8#	219.7	208.4	150.6	153.1#	27
28	----	165.8	190.0#	197.0#	150.7	161.8#	159.6	211.1#	222.0	----	150.8	159.2	28
29	211.1		196.8	----	150.6	167.9	----	200.3	221.6	214.7	153.2	170.4	29
30	205.7		194.4	188.9	160.7	----	158.1	189.1	----	213.5#	150.5	----	30
31	203.1		201.4		173.0		149.9#	186.7		212.3		186.8	31
MEAN	201.4	207.3	187.6	177.4	171.5	186.4	166.2	179.7	202.0	215.2	224.5	198.0	

ANNUAL MEAN 193.1

SOLAR RADIO FLUX

PENTICTON
2700 MHZ 20 U.T. ADJUSTED TO 1 A.U. SERIES C PENTICTON 2700 MHZ

1980 1980

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	190.2	211.2	----	182.0	216.5#	----	160.1	129.9	----	170.4	230.1	220.3#	1
2	198.9	212.1	----	180.5	217.5	183.5	153.3	128.3	221.9	165.8	----A	213.9#	2
3	212.1	----	172.2#	175.5	219.9#	177.8	145.2	133.3	226.3#	170.4	243.9	207.3	3
4	211.9	229.0	173.1#	184.0	----	178.7	146.8	----	221.0	176.5	253.3	201.3	4
5	----A	215.1	173.9	214.1	218.7#	173.2	154.1	131.8	210.8#	----	270.5	191.2	5
6	----A	221.6#	167.8	----	206.0	170.4	----	140.9#	----	188.8	272.9#	172.1	6
7	230.2#	218.9	164.9	----	203.1	165.0	150.9	141.7	----	200.6#	272.1	----	7
8	232.4	213.1	----	240.4#	198.8	----	154.1	144.5	196.8#	215.2	266.0	169.2	8
9	240.2	208.8	----	245.4	193.5	172.1	156.1	159.0	189.8#	222.2	----	174.7	9
10	250.1#	----	151.4	247.5	190.9	179.7	158.8#	----	184.5	238.9	259.8	187.1	10
11	249.5	208.1	149.1	250.0#	----	183.4	177.0	182.6	185.8	234.0	----	215.5	11
12	----	209.0#	140.9	239.6#	187.3	186.6#	178.7	189.4	175.5	249.1	231.7#	240.0#	12
13	214.9#	216.4	141.3	----	190.3	186.3	----	190.7	176.0	----	----	242.3	13
14	206.6	199.3#	141.4	219.6	200.4#	189.9#	205.2	190.3	----	241.5	215.3	----	14
15	194.8	199.5#	139.8	201.2#	200.1	----	217.0	189.1	153.4	230.4	----A	262.0	15
16	188.8#	----	----	190.8	201.0#	191.8	238.1	194.2	159.0	212.7#	----	260.5	16
17	188.6	----	142.0	190.5	----	196.4	252.1	----	154.0#	202.0	177.9#	257.3#	17
18	174.1	177.6	146.7	201.1	----	206.9	244.3	207.8#	152.7#	----	173.9	254.4#	18
19	162.0	177.7	162.6	----	----	216.3	253.4#	198.8	158.1#	----	170.7	240.1	19
20	----	176.6#	160.9#	----	243.8	226.2#	----	191.9#	----	200.1	162.1#	238.2	20
21	153.9	166.4	161.5	205.0	253.2	229.0#	247.4#	189.4#	----	203.7	160.6	----	21
22	155.7#	167.1	165.5	195.8	275.3#	----	240.2	172.1#	177.3	206.4	169.4	234.6	22
23	163.6#	----	----	182.8	285.1	251.7#	228.2	171.0	187.5#	194.2	----	226.3	23
24	168.4#	----	174.0	184.9	281.6	240.7	217.6	----	189.7#	190.5#	172.5#	226.1	24
25	169.6	165.2#	184.3	185.1	----	239.4	204.7#	148.8	180.7	----A	177.4	220.2#	25
26	175.7	170.1#	191.2	185.3#	285.1	222.2	196.0	151.4	181.7	----A	188.3	216.5	26
27	----A	173.5	197.4#	----	275.6	212.6#	----	160.1	186.0	178.5	186.1	----	27
28	195.4	174.4	199.9	201.4	272.6	196.5	171.1	165.3	----	180.0	193.4	----	28
29	200.2	181.0	----A	205.9	241.7	----	149.8	175.5	179.0	185.6	208.0	211.0	29
30	197.8#		----A	198.1#	218.3	178.7#	141.7	192.2	177.9#	201.3	----	211.4	30
31	211.8		190.4		202.9		136.1	197.3		213.2		198.6	31
MEAN	197.6	195.3	164.9	204.4	227.2	198.2	188.1	169.2	183.7	202.9	211.6	218.9	

ANNUAL MEAN 196.8

PENTICTON
2700 MHZ 20 U.T. ADJUSTED TO 1 A.U. SERIES C PENTICTON 2700 MHZ

1981 1981

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	189.8	----	----	209.9@	191.2@	148.6	----	----	237.7	210.6	----	230.7	1
2	185.5	207.6@	233.7@	210.7@	----A	141.7	167.0	----	239.3	206.7	243.6	231.9	2
3	174.6	206.4@	240.1@	221.3	----A	132.7@	160.5@	----	223.3	----	258.6	237.8	3
4	----	200.7	244.5	220.2	221.3	134.6@	----	181.1	230.7	----	261.4	239.7	4
5	159.8	195.1	226.7	----	229.5	134.9	----	174.2	----	193.5@	249.2	----	5
6	155.8	189.4	213.4@	233.7@	227.1	----	146.3	172.6	----	200.7@	248.4	----	6
7	169.6@	187.9@	200.7	240.3	231.5@	----	147.1	----	----	205.5@	----	274.9	7
8	167.4	----A	----	268.1@	221.4	145.7	149.1	----	258.4@	200.9	----	289.4@	8
9	164.5	179.3	201.2@	282.4@	----	151.5	149.1	----	250.8@	201.3	226.9	----	9
10	162.6	187.8@	202.5	262.1@	----	154.9	152.7	180.6@	239.9	----	235.4	280.6	10
11	----	185.2@	200.9	----A	224.9	154.4@	----	200.5	232.3	----	----	261.3@	11
12	159.4	192.3	194.7@	----	221.9	153.6	----	207.8	----	----	230.4	----	12
13	159.6	194.5@	198.6@	252.0@	218.1@	----	176.2@	208.1	----	260.1	218.5	----	13
14	157.3	----A	208.5	256.8	230.1@	----	183.0	205.9	223.3	270.5@	----	191.6	14
15	153.0@	----A	----A	252.4@	217.0@	165.2	193.6	----	227.3@	279.6	----	173.9	15
16	152.4	184.5	192.6	241.1@	----	170.5	201.2@	----	221.9@	296.0	180.0	155.6	16
17	----	186.9@	184.2@	240.1	----	170.8	197.0	228.7	215.2	----	172.1	146.8	17
18	----	187.0	179.2@	----	----	166.2	----	239.8	209.4	----	159.4	135.9	18
19	163.1	182.0	171.4	----	185.7	160.9	----	254.1	----	275.8	159.7	----	19
20	161.7	189.3	182.4	----A	178.8	----	228.2	263.2	----	255.7@	156.0	----	20
21	155.3	----	192.8@	192.9@	175.0	----	227.0@	260.4	191.8	235.7	----	140.6	21
22	155.8	----	----	189.5@	166.4	164.0	236.3	----	184.7	216.8	----	146.3	22
23	156.4	214.9	187.0@	204.8	----	169.9	249.1@	----	182.8	207.1	150.2	151.0	23
24	----	225.8@	190.5	----	----	170.0	254.8	255.1@	183.4	----	149.9	158.8	24
25	----	227.6	199.5	197.8@	171.6	179.2	----	256.6	183.0	----	161.6	----	25
26	173.1	233.2@	196.7@	----	173.6	192.4	----	268.4@	----	174.6	180.5@	----	26
27	183.0	231.0@	196.3	188.2	174.9	----	249.4@	277.7@	----	169.0	189.6	----	27
28	199.9@	221.7@	201.4@	174.4@	178.6	----	214.8	269.0	202.4	183.7	----	----	28
29	203.2		----	173.8@	167.8	179.6	205.1	----	201.0	194.0	----	185.8	29
30	209.5		207.2	175.7	----	176.1@	189.7	----	207.0	202.1	230.4	186.1	30
31	210.6		212.6		----		190.8	251.6@		----		188.7	31
MEAN	171.3	200.5	202.3	222.2	200.3	159.9	194.0	229.2	216.5	220.9	203.1	200.4	

ANNUAL MEAN 201.7

PENTICTON
2700 MHZ 20 U.T. ADJUSTED TO 1 A.U. SERIES C PENTICTON 2700 MHZ

1982 1982

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	----	286.0@	234.2	170.3@	----	135.0	----	----	175.9	202.3	156.8	165.5	1
2	----	279.3@	232.6@	172.8	----	136.4	106.5	----	168.4	----	152.9@	171.4	2
3	----	273.4	232.8	----	148.3@	149.4	----	147.4	169.7@	----	145.3	182.4	3
4	174.0	255.9	239.0	----	144.4	156.2@	----	168.9@	----	178.5@	143.0	----	4
5	169.8	244.8	245.0@	160.4@	147.9	----A	112.8	178.6	----	162.7@	136.0	----	5
6	170.6	----	----	163.9	153.3	----A	119.6	198.9	----	146.2	----	206.7	6
7	171.2	----	----	165.2	151.0	156.7	129.8	----	176.8@	137.4	----	233.1	7
8	160.2	243.3	209.2@	161.8@	----	163.9	152.4	----	176.6	136.9	142.8@	242.3@	8
9	----	226.0	191.9	----	----	178.2@	175.6	206.3@	177.4	----	146.0	257.1	9
10	----	213.1@	179.7	----	133.1@	----	----	206.8	161.4	----	152.9@	272.5@	10
11	139.8	209.6@	180.7	----	132.3	229.1@	----	201.0	----	----	----	----	11
12	135.1	205.0@	180.4@	----	131.7	----	241.0@	193.0	----	136.1	166.3@	----	12
13	131.9	----	----	167.7@	129.3	----	251.2	181.0	152.9	139.6	----	238.2	13
14	133.9	----	----	157.0	130.2	239.1@	265.7@	----	147.9	141.6@	----	234.2	14
15	138.7	178.5	209.5	153.6	----	224.5	271.4@	----	147.1	133.2	152.7	220.1	15
16	----	166.8@	225.0	147.4	----	205.4	271.1@	155.7	146.5	----	160.7	215.0@	16
17	----	165.0	224.9	----	141.4@	202.1@	----	161.1	147.1@	----	158.8	----	17
18	169.4@	166.8	221.6@	----	146.9	198.5	----	162.7	----	132.3	170.2@	----	18
19	171.6	173.4	216.9	143.5@	156.1@	----	236.9	154.2	----	134.7	181.7	----	19
20	167.5	----	----	142.8	154.4	----	195.5	142.0	148.6	145.8	----	155.9	20
21	167.0	----	----A	144.0	156.4	204.4	176.0	----	145.0	157.7	----	149.2	21
22	153.9	165.7	209.5	157.4@	----	192.8	143.9@	----	145.3	168.4	222.0@	149.3	22
23	----	180.7	196.1	172.4@	----	186.7@	126.5	138.9	152.5	----	190.3	154.8	23
24	----	187.6	187.8	----	----	----	----	139.6	165.4	----	173.9@	----	24
25	169.8	190.1	187.4	----	143.1	158.0	----	158.5	----	197.1	165.0	----	25
26	183.6	207.1	195.0	175.9	158.9@	----	99.8	162.4	----	190.4@	167.5	----	26
27	200.7	----	----	168.1	173.0@	----	96.7	174.6	193.8	185.6	----	----	27
28	242.1@	----	----A	160.7	171.3	120.6	96.0	----	196.8	179.9	----	----	28
29	276.9		199.2	157.6	----	111.5	97.2	----	201.4@	171.0@	164.8	147.5	29
30	----		194.3	148.8@	----	108.2	109.1	169.9	202.6	----	164.1	144.2@	30
31	----		182.1		134.3		----	172.1@		----		134.6	31
MEAN	171.4	210.9	207.6	159.6	146.9	172.8	165.5	170.2	166.6	158.9	162.6	193.4	

ANNUAL MEAN 173.9

PENTICTON
2700 MHZ 20 U.T. ADJUSTED TO 1 A.U. SERIES C PENTICTON 2700 MHZ

1983 1983

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	----	163.3#	143.3	----	----	132.3	----	----	106.7#	----A	95.9	88.7	1
2	----	154.9	138.2	----	150.0	137.2#	----	143.0#	107.0	----	96.4	87.8	2
3	----	152.1	141.2	----	137.7	135.5#	----	137.3#	----	120.9	99.1	----	3
4	141.7	156.5	144.5#	----	134.5	----	135.8#	134.8#	----	123.8	102.8	----	4
5	155.6	----	----	100.1	135.9	----	136.3	134.5	----	125.6	----	90.9	5
6	159.2	----	----	99.4	125.3	185.7#	128.4	----	117.3	131.9	----	97.8#	6
7	161.0	141.6	130.8	101.7	----	178.9#	131.7	----	115.9	132.8	106.3	100.2	7
8	----	130.2	128.1#	104.1	----	169.1#	122.8	----	115.3	----	102.8#	100.8	8
9	----	121.8	121.6	----	133.2	157.7#	----	142.0	113.4	----	99.3	108.7	9
10	145.2	112.2	115.9	----	144.5#	145.7	----	147.5	----	----	100.6	----A	10
11	138.3	104.9	102.5	103.9	159.5#	----	122.8#	153.9	----	138.7#	----	----A	11
12	138.5#	----	----	108.5	160.5	----	122.1#	153.7#	104.6#	132.4	----	101.1#	12
13	138.8#	----	----	107.3	154.6	128.1	121.9#	----	103.9	132.7	----	100.8	13
14	138.5	89.5	95.0#	108.9	----	126.4#	121.3	----	103.9	132.2#	88.7	93.7	14
15	----	87.3	100.3#	103.6	----	129.1	121.9	133.0	104.9	----	89.0	92.5	15
16	----	89.3	106.4	----	132.1#	128.4	----	131.1	104.6	----	89.8	90.3	16
17	138.3	90.9	116.0	----	130.1	128.7#	----	125.8#	----	110.4	84.9	----	17
18	135.1	96.8	116.6#	124.4	137.3#	----	116.1	121.6	----	103.2	83.5	----	18
19	128.4	----	----	125.5	145.5	----	116.3#	116.7	99.5	102.9#	----	86.1	19
20	120.9	----	----	127.7#	152.6	136.7	123.5	----	99.3	96.3	----	83.0	20
21	114.7	100.6	118.8	133.7	----	146.1	127.8#	----	101.7	89.6	78.5	81.9	21
22	----	----	119.8	140.8	----	148.6	137.0#	110.2	107.0#	----	78.1	81.9	22
23	----	110.1	115.9#	----	----	149.0	----	108.2	110.8#	----	76.0	82.1	23
24	113.3	113.9#	117.9	----	140.2	141.2	----	107.2	----	87.4	77.2	----	24
25	124.3	121.3	113.8#	150.5	139.7	----C	135.0	103.6	----A	88.6	77.3	----	25
26	132.6	----	----	146.2	131.7	----C	127.1#	103.0	115.1	89.0	----	----	26
27	133.5#	----	----	148.0	132.3	134.7#	123.5	----	117.4	88.2	----A	----	27
28	141.1	142.0	102.2	154.6#	----	130.1	127.4#	----	116.7	87.9	85.9	79.2	28
29	----		98.3	148.1	----	130.5	137.5	102.9	113.4	----	87.4	81.3	29
30	----		100.3	----	135.6	124.7#	----	102.0	111.3	----	88.1	81.9	30
31	159.8#		97.3		136.3#		----	103.2		101.1		----	31
MEAN	137.9	120.1	116.7	123.0	140.4	142.0	126.8	124.5	109.0	110.8	89.9	90.5	

ANNUAL MEAN 119.3

PENTICTON
2700 MHZ

20 U.T.

ADJUSTED TO 1 A.U.

SERIES C PENTICTON 2700 MHZ

1984

1984

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	----	----	144.2	----	151.0	113.3	----	82.2	----	71.5	67.7	----	1
2	----	137.1	132.8	133.8	136.6#	----	----	85.3	----	73.1	68.7	----	2
3	87.7	131.0	----	125.8	124.0	----	103.7	85.7	----	74.4	----	75.4	3
4	90.1	----	----	126.8	110.5#	105.8	103.8	----	90.3	73.5	----	73.8	4
5	87.4	----	108.5	119.7	----	103.7	103.3	----	87.3	72.9	69.1	71.1	5
6	85.9	112.3#	107.7	110.4	----	96.9	99.9#	----	84.1	----	69.2	70.9	6
7	----	113.0#	104.9	----	114.6	96.3#	----	90.4	82.9	----	68.3	71.8	7
8	----	126.6	102.9	----	122.1	91.8	----	92.4	----	----	69.1	----	8
9	94.3	135.5	101.6	92.9	137.8	----	103.6	94.0	----	72.2	70.9	----	9
10	94.4	136.0	----	91.9	141.3	----	100.2	93.0	77.7	72.3	----	73.2	10
11	95.3#	----	----	96.0#	142.3#	91.8	95.9	----	76.2	72.5	----	77.5	11
12	101.5#	----	101.6#	104.4	----	91.8#	94.1	----	74.7	73.2	----	77.5	12
13	101.6	123.5	114.3	110.7	----	98.3	91.1	86.1	74.2	----	70.3	75.3	13
14	----	117.1#	----	----	142.1	111.6#	----	83.4	71.9	----	70.0	74.8	14
15	----	112.1	129.0#	----	136.8	114.1	----	81.0	----	74.5	70.6	----	15
16	95.4#	112.8	131.6	116.0	134.0	----	86.7	80.6	----A	74.3	68.9	----	16
17	93.2#	112.9	----	119.5	129.8	----	85.6	78.6	72.6	74.5	----A	72.3	17
18	92.9	----	----	119.9	128.8	109.4	83.1	----	72.0	74.7	----	70.5	18
19	93.3	----	126.6#	110.9	----	105.2	82.2	----	72.8	72.8	71.2	71.2	19
20	103.1	133.1#	123.3#	----	----	105.6#	82.3	74.5	72.2	----	73.8	70.2	20
21	----	141.5#	125.6	----	----	101.5#	----	74.5	73.3	----	75.7	70.6	21
22	----	153.1	122.5	----	129.4	102.0	----	74.2	----	71.5	76.1	----	22
23	113.5	163.3#	114.7#	----	128.0	----	85.6	74.6	----	71.0	76.9	----	23
24	128.1	173.4#	----	143.5	121.6	----	86.1	79.7	73.8	69.9	----	70.9	24
25	145.2#	----	----	158.5	125.1	102.7	84.5	----	73.6	68.4	----	----	25
26	161.6	----	121.5	171.4	----	98.7	81.4	----	73.5	67.6	78.8#	----	26
27	169.6	152.3	128.8	179.9#	----	100.7	80.9	88.7#	72.7	----	81.3#	71.1	27
28	----	147.6	133.0#	----	119.3	97.4	----	86.3	72.0	----	77.5	71.0	28
29	----	147.6#	137.5	----	120.8#	99.3	----	88.5	----	66.9	75.0	----	29
30	156.1		140.7#	166.9	119.4	----	79.2	90.4	----	67.5	75.2	----	30
31	163.5		----		114.8		81.2	90.8		68.3		69.9	31
MEAN	112.1	134.1	121.6	126.3	128.6	101.8	90.2	84.3	76.2	71.7	72.6	72.6	

ANNUAL MEAN 99.3

PENTICTON
2700 MHZ 20 U.T. ADJUSTED TO 1 A.U. SERIES C PENTICTON 2700 MHZ

1985 1985

DAY	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	DAY
1	----	71.2	67.1	71.3	----	----	----	78.5	----A	66.6	67.3	----	1
2	67.1	----	----	70.4	75.1	----	77.0	78.2	----A	66.8	----	66.8	2
3	66.6	----	----	71.1	70.9	72.6	78.8	----	71.9	67.2	----	67.3	3
4	66.4	70.2	66.9	70.2	----	75.6	79.5	----	71.5	66.6	65.6	67.1	4
5	----	70.8	66.2	----	----	82.1	82.4	----	69.5	----	66.8	67.8	5
6	----	69.4	65.7	----	73.8	84.8	----	76.0	71.6	----	68.4	68.6	6
7	67.3	69.6@	66.4	----	78.5	87.7	----	78.0	----	64.4	70.8	----	7
8	66.3	71.4	67.0	----	84.0	----	94.4	75.9	----	63.5	72.6	----	8
9	66.9	----	----B	68.2	86.8@	----	98.2	73.3	69.3	63.9	----	73.3	9
10	66.2	----	----B	68.5	90.8	90.2	101.8	----A	68.5	64.7	----	73.6	10
11	66.9	72.4	68.3	67.8	----	88.8	95.9	----A	67.1	65.7	----	75.0	11
12	----	70.9	68.4	67.9	----	87.5	88.8@	68.0	66.6	----	73.5	74.3	12
13	----	70.0	68.5	----	89.6	87.5	----	67.2	69.8	----	73.4	73.3	13
14	73.1	70.1	67.8	----	88.5	83.7	----	66.8	----	----	75.3	----	14
15	71.4@	69.6	68.7	68.8	91.0	----	71.0	67.4	----	69.6	79.5	----	15
16	73.9@	----	----	67.6	92.8	----	70.7	67.0	68.5	72.3	----	81.7	16
17	74.7	----	----	69.5	91.4	75.1	70.1	----	67.5	74.4	----	78.5@	17
18	72.4	71.8	72.8@	70.8	----	71.9	69.3	----	68.1	74.0	76.4	77.3	18
19	----	74.6	72.7	70.4	----	71.0	69.4	67.1	68.7	----	74.8	76.3	19
20	----	74.1	73.4	----	----	70.2	----	68.7	67.6	----	73.4	73.8	20
21	84.7@	71.7	73.8@	----	83.5	69.2	----	68.1	----	84.2	72.6	----	21
22	83.7	71.1	73.8	87.8	80.9	----	69.5	70.6	----	92.9	71.4	----	22
23	79.7@	----	----	91.6@	78.3	----	68.8	70.8	67.7	90.5@	----	68.8	23
24	76.1	----	----	87.7@	76.0	69.3	69.5	----	67.0	90.7	----	68.6	24
25	72.0	68.4	76.1	92.0@	----	69.0	73.9	----	67.4	86.2	67.9	----	25
26	----	67.7	77.1	86.8	----	67.8	75.3	70.8	68.0	----	67.5	----	26
27	----	68.6	75.3	----	73.0	68.3	----	71.6	65.9	----	67.6	65.0	27
28	68.3	68.6	74.6	----	71.3	69.3	----	71.3	----	74.9	67.1	----	28
29	67.7		74.6	81.0	70.4	----	82.0	71.0	----	71.4	66.8	----	29
30	67.3		----	79.3	69.3	----	81.9	72.5	66.6	69.5	----	65.0	30
31	68.6		----		67.5		80.0	----		67.9		65.0	31
MEAN	71.2	70.6	70.7	75.4	80.2	77.1	79.5	71.4	68.4	73.1	70.9	71.4	

ANNUAL MEAN 73.3

OBSERVED AND ADJUSTED SOLAR FLUX

2800 MHZ and 2700 MHZ

SERIES C and D

MONTHLY AND ANNUAL MEANS

JANUARY 1977 – DECEMBER 1985

MONTHLY AND ANNUAL MEANS OF 2800 MHZ SOLAR FLUX
OBSERVED AT OTTAWA, SERIES C & D CORRECTED FOR ATMOSPHERIC ATTENUATION

OBSERVED VALUES AT 1700 U.T. SERIES C

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Jan.	77.4	109.6	203.0	206.2	174.6	179.0	142.3	116.1	74.5
Feb.	82.3	145.4	204.1	200.0	204.5	214.2	122.6	140.6	73.7
Mar.	76.6	141.8	185.8	168.1	205.3	210.5	118.6	122.0	73.3
Apr.	77.6	149.4	173.8	207.9	223.2	161.8	118.9	128.7	75.1
May	79.6	146.5	165.2	224.0	194.6	144.7	137.1	128.3	80.2
June	91.5	142.2	180.3	193.2	156.9	171.9	138.6	100.3	76.1
July	81.5	131.1	165.9	184.8	191.9	159.6	125.0	89.3	78.7
Aug.	84.3	114.0	172.7	166.2	220.6	167.9	124.4	83.7	71.5
Sept.	99.9	157.9	200.2	183.9	219.5	165.3	109.0	78.1	69.5
Oct.	96.9	158.2	217.9	204.2	224.3	161.9	112.4	73.5	74.7
Nov.	93.7	151.5	231.7	218.1	207.8	167.4	92.5	76.3	74.2
Dec.	102.1	175.5	203.5	225.8	207.8	199.4	93.4	75.9	74.8
Mean	86.9	143.6	192.0	198.5	202.6	175.3	119.6	101.1	74.7

ADJUSTED TO 1 A.U. AT 1700 U.T. SERIES C

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Jan.	74.9	106.1	196.5	199.6	169.0	173.4	137.7	112.4	72.1
Feb.	80.3	141.8	199.1	195.1	199.5	208.9	119.6	137.2	71.9
Mar.	75.8	140.3	184.1	166.5	203.2	208.3	117.3	120.8	72.5
Apr.	78.2	150.5	175.1	209.3	224.7	162.9	119.9	129.7	75.7
May	81.4	149.7	168.9	229.1	198.9	147.9	140.2	131.1	82.0
June	94.5	146.8	186.0	199.3	161.9	177.4	143.0	103.5	78.5
July	83.7	135.4	171.4	190.8	198.2	164.8	129.1	92.2	81.3
Aug.	86.4	116.9	177.0	170.3	226.0	172.1	127.5	85.8	73.3
Sept.	100.9	159.6	202.3	185.9	221.9	167.1	110.2	78.9	70.2
Oct.	96.3	157.1	216.4	202.9	222.8	160.9	111.8	73.1	74.2
Nov.	91.6	170.0	226.8	213.4	203.3	163.7	90.4	74.6	72.6
Dec.	98.9	148.2	197.2	218.8	201.4	193.2	90.5	73.5	72.4
Mean	86.9	143.5	191.7	198.4	202.6	175.1	119.8	101.1	74.7

ADJUSTED TO 1 A.U. AT 1700 U.T. SERIES D

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Jan.	67.5	95.5	176.8	179.6	152.1	156.0	124.0	101.2	64.9
Feb.	72.2	127.7	179.2	175.5	179.6	188.0	107.6	123.5	64.7
Mar.	68.2	126.3	165.6	149.8	182.9	187.5	105.6	108.8	65.3
Apr.	70.3	135.4	157.5	188.4	202.2	146.7	107.9	116.7	68.1
May	73.3	134.8	152.0	206.2	179.0	133.1	126.1	118.0	73.8
June	85.0	132.1	167.4	179.4	145.7	159.6	128.7	93.1	70.6
July	75.3	121.9	154.3	171.8	178.4	148.3	116.2	83.0	73.2
Aug.	77.7	105.2	159.3	153.3	203.4	154.9	114.8	77.2	65.9
Sept.	90.8	143.6	182.0	167.3	199.7	150.4	99.2	71.0	63.2
Oct.	86.7	141.4	194.8	182.6	200.6	144.8	100.6	65.8	66.7
Nov.	82.5	133.4	204.1	192.1	183.0	147.3	81.4	67.1	65.3
Dec.	89.0	153.0	177.5	196.9	181.2	173.8	81.5	66.1	65.2
Mean	78.2	129.2	172.5	178.6	182.3	157.5	107.8	91.0	67.2

MONTHLY AND ANNUAL MEANS OF 2700 MHZ SOLAR FLUX
OBSERVED AT PENTICTON, SERIES C CORRECTED FOR ATMOSPHERIC ATTENUATION

OBSERVED VALUES AT 2000 U.T. SERIES C

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Jan.	75.6	110.1	208.1	204.1	177.0	177.0	142.5	115.7	73.6
Feb.	80.3	147.7	212.5	200.2	205.4	216.4	123.2	137.4	72.4
Mar.	74.7	146.5	189.4	166.5	204.3	209.8	118.0	122.8	71.4
Apr.	75.6	149.4	176.2	203.0	220.8	158.4	121.9	125.3	74.9
May	77.3	147.7	167.8	222.1	196.0	143.6	137.4	125.8	78.4
June	89.7	144.1	180.7	192.1	155.0	167.5	137.6	98.7	74.7
July	78.7	131.8	161.0	182.1	187.9	160.2	122.8	87.3	76.9
Aug.	82.0	113.2	175.5	165.1	223.8	166.0	121.5	82.3	69.6
Sept.	98.7	158.1	199.9	181.8	214.1	164.9	107.9	75.4	67.7
Oct.	95.9	160.7	216.7	204.2	222.4	159.9	111.5	72.2	73.6
Nov.	92.5	153.7	229.3	216.3	207.5	166.2	91.9	74.3	72.5
Dec.	100.7	177.4	204.4	226.0	206.7	199.5	93.4	74.9	73.6
Mean	85.1	145.0	193.5	197.0	201.7	174.1	119.1	99.3	73.3

ADJUSTED TO 1 A.U. AT 2000 U.T. SERIES C

	1977	1978	1979	1980	1981	1982	1983	1984	1985
Jan.	73.3	106.5	201.4	197.6	171.3	171.4	137.9	112.1	71.2
Feb.	78.3	144.1	207.3	195.3	200.5	210.9	120.1	134.1	70.6
Mar.	73.9	144.9	187.6	164.9	202.3	207.6	116.7	121.6	70.7
Apr.	76.2	150.4	177.4	204.4	222.2	159.6	123.0	126.3	75.4
May	79.1	151.0	171.5	227.2	200.3	146.9	140.4	128.6	80.2
June	92.6	148.7	186.4	198.2	159.9	172.8	142.0	101.8	77.1
July	81.4	136.2	166.2	188.1	194.0	165.5	126.8	90.2	79.5
Aug.	84.0	116.0	179.7	169.2	229.2	170.2	124.5	84.3	71.4
Sept.	99.6	159.8	202.0	183.7	216.5	166.6	109.0	76.2	68.4
Oct.	95.3	159.6	215.2	202.9	220.9	158.9	110.8	71.7	73.1
Nov.	90.5	150.4	224.5	211.6	203.1	162.6	89.9	72.6	70.9
Dec.	97.6	171.9	198.0	218.9	200.4	193.4	90.5	72.6	71.4
Mean	85.1	145.0	193.1	196.8	201.7	173.9	119.3	99.3	73.3